MINUTES

OF THE

FOURTEENTH ANNUAL MEETING

OF THE

North Carolina Pharmaceutical Association,

HELD IN

GREENSBORO, AUGUST 9TH AND 10TH, 1893,

WITH

LIST OF OFFICERS, COMMITTEES, ROLL OF MEMBERS AND CODE OF ETHICS,

AND

ANNUAL REPORT OF THE NORTH CAROLINA BOARD OF PHARMACY, WITH LIST OF REGISTERED PHARMACISTS AND PHARMACY ACT.

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OFFICERS, COMMITTEES AND DELEGATES.

1893—1894.

OFFICERS.

PRESIDENT:

N. D. FETZER ..... CONCORD.

VICE-PRESIDENTS:

J. HAL. BOBBITT ..... RALEIGH.
P. W. VAUGHAN ..... DURHAM.
AUGUSTUS BRADLEY ..... HENDERSON.

TREASURER:

A. J. COOK ..... FAYETTEVILLE.

SECRETARY:

F. W. HANCOCK ..... OXFORD.

LOCAL SECRETARY:

W. G. SMITH ..... ASHEVILLE.

STANDING COMMITTEES.

EXECUTIVE COMMITTEE:

R. L. DIXON ..... Milton.
W. M. YEARBY ..... Durham.
W. H. KING ..... Raleigh.
CHARLES FETZER ..... Reidsville.
F. W. HANCOCK (*ex officio*) ..... Oxford.

COMMITTEE ON PAPERS AND QUERIES:

L. RICHARDSON ..... Greensboro.
H. R. HORNE ..... Fayetteville.
Z. V. CONYERS ..... Greensboro.

COMMITTEE ON TRADE INTERESTS:

JAMES I. JOHNSON ..... Raleigh.
R. R. BELLAMY ..... Wilmington.
GEORGE C. GOODMAN ..... Mooresville.

SPECIAL COMMITTEES.

COMMITTEE ON EDUCATION:

William Simpson ..... Raleigh.
H. R. Horne ..... Fayetteville.
E. V. Zoeller ..... Tarboro.
F. W. Hancock ..... Oxford.

REPRESENTATIVE ON COMMITTEE OF THE NATIONAL FORMULARY:

E. V. Zoeller ..... Tarboro.

COMMITTEE ON ADULTERATIONS:

S. J. Hinsdale ..... Fayetteville.
John Y. MacRae ..... Raleigh.
Doane Herring ..... Wilson.

COMMITTEE ON MEMBERSHIP:

Thomas B. Delamar, M. D. ..... Beaufort.
E. T. Whitehead ..... Scotland Neck.
T. A. Henry ..... New Berne.
Robert Simpson ..... Raleigh.
John B. Farris ..... Greensboro.
W. H. Wearn ..... Charlotte.
O. M. Royster ..... Hickory.
H. C. Ashcraft ..... Winston.
W. G. Smith ..... Asheville.

COMMITTEE ON ENTERTAINMENT:

W. G. Smith ..... Asheville.
J. S. Grant ..... Asheville.
T. C. Smith ..... Asheville.

DELEGATIONS.

AMERICAN PHARMACEUTICAL ASSOCIATION,

(Meets at Asheville, N. C., September, 1894).

P. W. Vaughan ..... Durham.
H. R. Horne ..... Fayetteville.
J. D. Croom ..... Maxton.
C. A. Raysor ..... Asheville.
V. O. Thompson ..... Winston.

VIRGINIA PHARMACEUTICAL ASSOCIATION,

(Meets at Blue Ridge Springs, Va., September 12, 1893).

J. L. PRIOR ..... Fayetteville.
JOHN P. STEDMAN ..... Oxford.
H. R. CHEARS ..... Plymouth.

SOUTH CAROLINA PHARMACEUTICAL ASSOCIATION,

(Meets at Charleston, S. C., November, 1893).

W. H. WEARN ..... Charlotte.
J. D. NUTT ..... Wilmington.
GEORGE C. GOODMAN ..... Mooresville.

STATE MEDICAL SOCIETY,

(Meets at Greensboro, N. C., May 15, 1894).

L. RICHARDSON ..... Greensboro.
GASTON M. WARD ..... Greensboro.
S. S. HAITHCOCK ..... Greensboro.

OFFICERS OF THE ASSOCIATION

(SINCE ITS ORGANIZATION).

PRESIDENTS.

E. M. Nadal	Wilson	1880—1881
S. J. Hinsdale	Fayetteville	1881—1882
William Simpson	Raleigh	1882—1883
W. H. Green	Wilmington	1883—1884
V. O. Thompson	Winston	1884—1885
H. R. Horne	Fayetteville	1885—1886
A. W. Rowland	Wilson	1886—1887
F. W. Hancock	New Berne	1887—1888
T. D. Crawford	Oxford	1888—1889
J. D. Croom	Maxton	1889—1890
E. V. Zoeller	Tarboro	1890—1891
W. H. Wearn	Charlotte	1891—1892
H. R. Chears	Plymouth	1892—1893

FIRST VICE-PRESIDENTS.

S. J. Hinsdale	Fayetteville	1880—1881
William Simpson	Raleigh	1881—1882
E. H. Meadows	New Berne	1882—1883
John H. Hill	Goldsboro	1883—1884
H. R. Horne	Fayetteville	1884—1885
A. W. Rowland	Wilson	1885—1886
F. W. Hancock	New Berne	1886—1887
T. D. Crawford	Oxford	1887—1888
J. D. Croom	Maxton	1888—1889
E. V. Zoeller	Tarboro	1889—1890
W. H. Wearn	Charlotte	1890—1891
H. R. Chears	Plymouth	1891—1892
N. D. Fetzer	Concord	1892—1893

SECOND VICE-PRESIDENTS.

William Simpson	Raleigh	1880—1881
E. H. Meadows	New Berne	1881—1882
V. O. Thompson	Winston	1882—1883
V. O. Thompson	Winston	1883—1884
A. W. Rowland	Wilson	1884—1885
F. W. Hancock	New Berne	1885—1886
B. E. Sedberry	Fayetteville	1886—1887
W. C. Carmichael	Asheville	1887—1888
L. Richardson	Selma	1888—1889

W. H. Wearn	Charlotte	1889—1890
H. R. Chears	Plymouth	1890—1891
N. D. Fetzer	Concord	1891—1892
J. Hal. Bobbitt	Raleigh	1892—1893

THIRD VICE-PRESIDENTS.

E. H. Meadows	New Berne	1880—1881
V. O. Thompson	Winston	1881—1882
T. C. Smith	Charlotte	1882—1883
T. C. Smith	Charlotte	1883—1884
F. W. Hancock	New Berne	1884—1885
John Tull	Morganton	1885—1886
J. D. Croom	Maxton	1886—1887
W. H. Wearn	Charlotte	1887—1888
H. C. Shannon	Goldsboro	1888—1889
P. W. Vaughan	Durham	1889—1890
N. D. Fetzer	Concord	1890—1891
B. E. Sedberry	Fayetteville	1891—1892
W. G. Thomas	Louisburg	1892—1893

TREASURERS.

John S. Pescud	Raleigh	1880—1882
A. S. Lee	Raleigh	1882—1891
A. J. Cook	Fayetteville	1891—1893

SECRETARIES.

T. C. Smith	Charlotte	1880—1882
James C. Munds	Wilmington	1882—1887
E. V. Zoeller	Tarboro	1887—1890
F. W. Hancock	New Berne	1890—1893

PLACES OF MEETING AND LOCAL SECRETARIES.

Raleigh, 1880	Organization Meeting.
New Berne, 1881	Business Committee.
Winston, 1882	S. H. Smith.
Wilmington, 1883	John H. Hardin.
Charlotte, 1884	L. R. Wriston.
Greensboro, 1885	R. G. Glenn.
Fayetteville, 1886	B. E. Sedberry.
Asheville, 1887	W. C. Carmichael.
Goldsboro, 1888	H. C. Shannon.
Durham, 1889	P. W. Vaughan.
Morehead City, 1890	F. W. Hancock.
Morehead City, 1891	R. J. Gooding.
Raleigh, 1892	W. H. King.
Greensboro, 1893	F. A. Bobbitt.

MEMBERS OF THE

AMERICAN PHARMACEUTICAL ASSOCIATION

FROM THIS STATE.

Chas. J. Gallagher	Washington.
Wm. Simpson	Raleigh.
E. V. Zoeller	Tarboro.
B. E. Sedberry	Fayetteville.
W. H. Wearn	Charlotte.
F. L. Jacobs	Asheville.
H. R. Horne	Fayetteville.
J. H. Hardin	Wilmington.
P. W. Vaughan	Durham.
J. E. Parrott	Kinston.
J. D. Croom	Maxton.
F. W. Hancock	Oxford.
R. J. Gooding	New Berne.
Robt. Simpson	Raleigh.
B. W. Hunter	Raleigh.
Whitefoard G. Smith	Asheville.
Henry R. Chears	Plymouth.

MEMBERS ELECTED

AT THE

FOURTEENTH ANNUAL MEETING.

R. R. Bellamy ..... Wilmington.
J. Hicks Bunting ..... Wilmington.
A. B. Cates ..... Burlington.
Z. V. Conyers ..... Greensboro.
John B. Farris ..... Greensboro.
E. D. Fisher ..... Durham.
Geo. W. Gaskill ..... New Berne.
Wm. F. Hall, Jr. ..... Statesville.
S. S. Haithcock ..... Greensboro.
James McN. Johnson ..... Aberdeen.
Alice Elizabeth Johnson ..... Aberdeen.
J. De. Morris ..... Roxboro.
A. Walter Moose ..... Mt. Pleasant.
Joseph C. Shepard ..... Wilmington.
Gaston M. Ward ..... Greensboro.

MEMBERS IN ATTENDANCE

AT THE

FOURTEENTH ANNUAL MEETING,

GREENSBORO, AUGUST 9TH AND 10TH, 1893.

D. L. ADAMS	Raleigh.
JAMES H. BOBBITT	Raleigh.
F. A. BOBBITT	Winston.
AUGUSTUS BRADLEY	Henderson.
A. B. CATES	Burlington.
H. R. CHEARS	Plymouth.
Z. V. CONYERS	Greensboro.
A. J. COOK	Fayetteville.
J. D. CROOM	Maxton.
R. L. DIXON	Milton.
JOHN B. FARRIS	Greensboro.
N. D. FETZER	Concord.
CHARLES FETZER	Reidsville.
E. D. FISHER	Durham.
S. S. HAITHCOCK	Greensboro.
F. W. HANCOCK	Oxford.
H. R. HORNE	Fayetteville.
JAMES MCN. JOHNSON	Aberdeen.
W. H. KING	Raleigh.
J. DE. MORRIS	Roxboro.
W. C. PORTER	Greensboro.
JACKSON L. PRIOR	Raleigh.
L. RICHARDSON	Greensboro.
A. W. ROWLAND	Henderson.
JOSEPH C. SHEPARD	Wilmington.
P. W. VAUGHAN	Durham.
JOHN M. WAGNER	Statesville.
GASTON M. WARD	Greensboro.
W. H. WEARN	Charlotte.
W. M. YEARBY	Durham.
E. V. ZOELLER	Tarboro.

OBITUARY.

FRIEDERICK CARL MILLER

Was born at Hamburg, Germany, June 23d, 1846. Died at Wilmington, N. C., July 29th, 1893.

Dr. Miller was forty-seven years of age and was born in Hamburg, Germany. He read medicine in Hamburg and intended to practice as a physician, but subsequently decided to practice pharmacy. He came to the United States twenty-two years ago, having landed at Charleston, S. C., as hospital steward on a German vessel. He came to Wilmington in 1876, and in 1877 embarked in the apothecary business at Fourth and Nun streets. Since then he has been interested in other drug stores in the city, and in other enterprises. He was a skillful and successful druggist, a man highly respected among all classes. He was liberal and charitable, and the distressed had no more ready sympathizer than he.

Several years after coming to Wilmington Dr. Miller married Miss Annie Tienken, daughter of the late Claus Tienken, and she and five children survive him. He was a member of St. Paul's Evangelical Lutheran Church, and has also served as a member of the council of that congregation.

His death was caused from Bright's disease, complicated with heart trouble.

He became a member of our Association at its first annual meeting in 1880.

MINUTES

OF THE

FOURTEENTH ANNUAL MEETING.

FIRST SESSION.

GREENSBORO, N. C., August 9, 1893.

The North Carolina Pharmaceutical Association assembled in the Chamber of Commerce Hall, and at 11 o'clock A. M. was called to order by its President, Henry R. Chears, of Plymouth.

Prayer was offered by Rev. J. Henry Smith, D. D., of the Presbyterian Church.

The roll having been called by the Secretary, and finding that there was a quorum present, the President announced the Association duly organized and ready for the transaction of business.

Mr. A. M. Scales, of this place, was introduced by the President, and delivered the following address of welcome:

Mr. President, Gentlemen:

To me has fallen the pleasant duty of welcoming you, members of the Pharmaceutical Association of North Carolina, to our "City of Flowers." We always stand with open arms to welcome our friends from sister cities, but we derive peculiar satisfaction from having you to-day in our midst, for we realize the importance of your profession, and we note with interest your every step forward. In organization there is strength, and the convention is the life of the organization. Hence it is that we rejoice to see you to-day in convention assembled, and we watch with gratification your proceedings. We often feel that our lives are in your hands, for we know that a single mistake will cause us death, but so great is our confidence in your skill, care and ability that we have no fear whatever of any evil result.

I will not now detain you longer from your labors, but in behalf of the Mayor of this city, and of the druggists and citizens of Greensboro, I wish to extend to you the freedom of the city and a most hearty welcome, wishing for you a successful session and a pleasant stay among us.

Mr. J. Hal. Bobbitt, of Raleigh, responded to this address in the following words:

Mr. A. M. Scales:

My Dear Sir:—I thank you, on behalf of this Association, for the kind greeting and eloquent words of welcome to which we have just listened. Indeed, sir, such a reception and such cordiality as you have extended is gratifying in the extreme, and is abundant assurance of a pleasant stay while in your beautiful city.

Eight years have elapsed since we held our annual conclave here, and the recollection of that meeting has been a bright spot in the memory of those whose good fortune it was to be present.

We have held our meetings in nearly all the principal cities of North Carolina, having traversed the entire length and breadth of the State; we have been permitted to view the picturesque scenery of our lofty and magnificent mountains, and have been fanned and soothed by the exhilarating breezes of the sea, and within sound of the breakers as they were dashed into spray upon the Atlantic coast; but nowhere, sir, did we enjoy ourselves more completely than here in this fertile Piedmont section, where culture, refinement and educational attainments characterize your people.

'Tis here that institutions of learning have been planted and have flourished. The location of the Industrial and Normal School in Greensboro was propitious by reason of the surroundings and the many natural advantages it enjoys. No nobler nor more laudable effort was ever fostered in the State than this manifestation of the appreciation of our fair and noble women, and the North Carolina Pharmaceutical Association is proud to announce that we have one colleague of the fair sex within our ranks, licensed by our State Board.

Greensboro to-day presents marked signs of improvement, and has the appearance of a busy mercantile city, with her paved streets, splendid system of water-works, solid banking institutions and unsurpassed railroad facilities. It has not lost one iota of its beauty, which, long ago, won for her the title of the "City of Flowers," and I may add, without fear of being dubbed sentimental, that she well sustains the reputation of being a city of beautiful and handsome women.

It was upon yonder Guilford battle-field that your heroes of Revolutionary fame fought and achieved a victory that will be recorded in the archives of generations to come.

Winston was the place selected for this meeting, but dire calamity so intervened that she could not offer us the accommodations she would have liked to proffer, and hence Greensboro, being the charitable sister city that she is, opened wide her portals and bade us welcome.

We thank you for the honorable mention you make of us as a profession. For our part we have nothing to offer in praise of our life-work, attended with its long hours of close confinement, other than that we find a certain pleasure and delight in the pursuit of scientific discoveries and for the sake of the amelioration of the sufferings of society.

It is with especial pride that I mention the appointment of one of our members as one of the judges of award on chemical exhibits at the Chicago Exposition. I refer to Mr. William Simpson, of Raleigh, whose presence we will greatly miss on this occasion. He has regularly attended the meetings since the organization of this Association, of which he is a charter member, having been one of its progenitors just thirteen years ago.

Again I thank you personally, and on behalf of every member of this Association, for the graceful and friendly greeting which we have received, and in return permit me to assure you that it would be a pleasure to us to have as many of your citizens attend our sessions as may find it convenient to do so.

We will go hence, and in after years the pleasure of this trip to Greensboro will not be forgotten by us.

The chair was vacated to the First Vice-President, Mr. N. D. Fetzer, and the President proceeded to read his annual report as follows:

Fellow-members and Gentlemen:

After migrating from place to place for eight years we are permitted to assemble a second time in this beautiful historical city, so appropriately called the "City of Flowers," and widely famed for the refinement, culture and generous hospitality of her citizens.

Our sixth annual meeting here in 1885 was largely attended, interesting, pleasant and profitable, and all who were so fortunate as to be present will ever remember it as one of the brightest spots in our pilgrimage of existence.

Since my election to the office of President of our Association my health, which was then poor, became so bad I was compelled to give up the every-day use of the mortar and pestle and follow a vocation not so confining. I find words poor vehicles for conveying my regrets at having to retire from the active pursuit of that calling in which I am so deeply interested, and to which I have for many years devoted my best energies, and to partially sever the close relationship I have enjoyed in our Association since becoming a member.

After accepting a position that suited my health but required that I be out of the State much of the time I wished to resign and let our worthy First Vice-President discharge the duties devolving upon the President, as he is with you all the time actively engaged as a retail pharmacist, closely allied with our interest, perfectly familiar with our needs, and cognizant of all—of interest—that has transpired during the past year, hence in a position to offer valuable suggestions for your consideration and comply creditably with past usage and our by-laws in making a report, but I was confronted with the fact that no provision had been made for such a resignation, other than by death or absence. Not having as yet been called upon to "shuffle off this mortal coil" and join the mighty throng of pharmacists in the great beyond, and feeling I could not miss being with you and sharing the pleasure I anticipated you would enjoy at this meeting, I didn't resign, and shall now briefly report the most important of what has taken place, of interest to us, since we last met, but deem it best that members who are better acquainted than myself with what will advance our interest make any needed suggestions and place them in the "Question Box," to be brought up and discussed during our deliberations.

The active membership roll now numbers one hundred and fifty-two, the honorary three, a gain of six over 1892, and if the Committee on Membership have been active and earnest in their efforts we may expect a much greater increase at this session.

It becomes my sad duty to announce the death of one of our members, Mr. F. C. Miller, of Wilmington. A suitable obituary will be prepared and appear in our next proceedings.

The report of the proceedings of last meeting is fuller, the printing neater, and, with the added cuts, the general make-up and appearance of the minutes are more creditable than ever before.

The offer of a valuable histological microscope by Messrs. Sunbury & Johnson, and of the Hancock prize, for meritorious papers, coupled with the exceedingly zealous work of the Committee on Papers and Queries, should bring forth many interesting and instructive papers for our edification.

I am in receipt of the North Carolina University Catalogue for 1892 and 1893, and regret to note that no provision has been made for a Chair of Pharmacy. To the north and to the south of us new Schools of Pharmacy are being established, and old ones are making rapid strides of progress. New York, Philadelphia and New Orleans, during the past year, erected College of Pharmacy buildings, and Richmond has recently organized a School of Pharmacy as a department of the College of Physicians and Surgeons, to be opened this fall. Reports from Schools of Pharmacy connected with many of our sister State universities show a larger attendance and a higher and more satisfactory class of work than for any preceding year.

With such progress and advancement going on all around us, the North Carolina Pharmaceutical Association, which is reputed one of the best in the South, cannot afford to stand still. The Committee on Education have worked earnestly and faithfully, and will at the proper time present a report of their labors.

Within the past few months the drug clerks of the State have organized the North Carolina Drug Clerks' Association, the object of which, as is set forth in their constitution, "is to see that the properly qualified drug clerk receives proper recognition; to advance the pharmaceutical, social and educational relations, and to see the law enforced in regard to non-registered clerks compounding prescriptions." If this Association receives the sympathy and support of the drug clerks of the State, and their efforts are directed in a proper channel, we may hope it will aid materially our Association in attaining the mutual ends each of us are striving for.

It is reported that the seventh decennial revision of the United States Pharmacopœia will be ready for distribution at the Chicago meeting of the American Pharmaceutical Association. Although this work is much larger and published at a greater expense, it will sell for less than the last edition. The half-hearted recognition given the edition of 1880 is, to say the least, a reflection upon the intelligence of our pharmacists and physicians, and I am glad to report that the American Medical Association, at its recent meeting in Milwaukee, adopted a resolution recommending that the forthcoming edition of the Pharmacopœia be adopted by physicians in prescribing and pharmacists in compounding. They also advised the adoption of the National Formulary by physicians and pharmacists, and that the medical and pharmaceutical colleges use these works as text-books. The new Pharmacopœia will be the official guide and authority of the pharmacists of the United States, and while I can not say just what important changes will be made, new features added, or old ones left out, from my knowledge of the high order of ability of the Committee on Revision, and the enormous, painstaking work done by them, I feel safe in saying that this last edition will excel by far any former one, and occupy a very high if not the highest place among the pharmacopœias of the world, and should be in the hands of every physician and pharmacist in America. The American Pharmaceutical Association convenes in Chicago, August 14th. The grandeur and magnificence of the unequaled attractions offered by the World's Fair will doubtless cause an unusually large attendance, and a very interesting and pleasant meeting is expected. In view of the fact that our Association and the pharmacists of Asheville will invite this body to meet in Asheville in '94, we should be largely represented. The seventh International Pharmaceutical Congress will also convene in Chicago on August 21st. We are entitled to three delegates, and as this is the first time this convention has met in America, and promises to be of great interest and do

much to further the advancement of pharmacy, I trust we will have a full delegation in attendance.

Now, fellow-members, I am soon to surrender to you the charge committed to me a year ago. Accept my sincere thanks for the uniform courtesy extended me while occupying the high office you have honored me with. I shall be pleased to again enter the private ranks and contribute whatever my humble capacity permits for the advancement and elevation of our beloved Association.

On motion, the address was referred to a committee consisting of Messrs. L. Richardson, of Greensboro, and P. W. Vaughan, of Durham, who were to take into consideration the suggestions contained therein and report at some future session.

Hon. George T. Winston, LL. D., representing the University of North Carolina, being tendered the privileges of the floor, responded as follows:

Mr. President—Gentlemen of the Association:

I thank you very heartily for the compliment just paid me and for the freedom you have given me of this Association, and I shall be glad to avail myself of the privileges of the floor to speak of the action of your committee in endeavoring to have established at the University a Department of Pharmacy. I will do this at the proper time in the proceedings of the Association. At present please accept my cordial thanks for this courtesy and compliment.

The courtesies of the floor were also extended to the physicians of the city and to the traveling salesmen present.

The Executive Committee presented the following applications for membership:

R. R. Bellamy	Wilmington.
J. Hicks Bunting	Wilmington.
A. B. Cates	Burlington.
Z. V. Conyers	Greensboro.
John B. Farriss	Greensboro.
E. D. Fisher	Durham.
George W. Gaskill	New Berne.
William F. Hall, Jr.	Statesville.
S. S. Haithcock	Greensboro.
James McN. Johnson	Aberdeen.

ALICE ELIZABETH JOHNSON	Aberdeen.
J. D. MORRIS	Roxboro.
A. WALTER MOOSE	Mt. Pleasant.
JOSEPH C. SHEPARD	Wilmington.
GASTON M. WARD	Greensboro.

The Secretary was, on motion, instructed to cast the vote of the Association in the affirmative for the above named applicants.

This being done, they were declared elected.

The Treasurer read his annual report as follows:

TREASURER'S REPORT.

To the Members of the North Carolina Pharmaceutical Association:

GENTLEMEN:—I present the following itemized statement of my account as Treasurer for the fiscal year ending August 9, 1893:

A. J. COOK, Treasurer, *in account with*
North Carolina Pharmaceutical Association.

1892.	RECEIPTS.	
Aug. 9.	Balance on hand	$165 72
10.	Received of J. T. Amiss, dues	6 00
10.	Received of W. A. Lodge, dues	2 00
10.	Received of J. Y. MacRae, dues	2 00
10.	Received of W. H. Wearn, dues	2 00
10.	Received of J. D. Nutt, dues	3 00
10.	Deficit in Treasurer Lee's and my report	29
11.	J. M. Griffin, dues	2 00
11.	J. F. Sprague, dues	4 00
11.	J. B. S. McIntosh, dues	4 00
11.	W. M. Yearby, dues	6 00
11.	J. H. Bobbitt, dues	2 00
11.	H. S. Sedberry, initiation and dues	5 00
11.	E. V. Howell, initiation and dues	5 00
11.	Whitefoard G. Smith, initiation and dues	5 00
11.	Robert Simpson, initiation and dues	5 00
11.	F. A. Bobbitt, initiation and dues	5 00
11.	R. L. Davis, initiation and dues	5 00
11.	B. C. Rogers, initiation and dues	5 00
11.	A. F. Barrett, initiation and dues	5 00
11.	B. C. Jones, initiation and dues	5 00
15.	F. W. Hancock, dues	2 00
15.	F. O. Hawley, dues	2 00

Aug.	15.	W. H. McNair, dues	$ 8 00
	15.	C. W. DeVault, dues	4 00
	15.	T. R. Abernethy, dues	2 00
	23.	D. Herring, dues	4 00
Sept.	10.	C. C. Green, dues	2 00
Oct.	5.	J. H. Woodcock, dues	6 00
Nov.	15.	J. D. Croom, dues	2 00
Dec.	14.	J. P. Stedman, dues	2 00
	14.	J. H. Hill, dues	2 00
	14.	W. H. Green, dues	2 00
	14.	W. C. Porter, dues	6 00
	15.	E. M. Nadal, dues	6 00
	21.	J. D. Nutt, dues	3 00
	21.	R. D. Blacknall, dues	6 00
1893.			
Jan.	2.	H. P. Watson, dues	2 00
	4.	E. T. Whitehead, dues	2 00
	5.	R. L. Dixon, dues	6 00
	16.	P. A. Mitchell, dues	2 00
	23.	John R. Smith, dues	2 00
	23.	C. A. Raysor, dues	6 00
	27.	S. J. Welsh, dues	2 00
	28.	W. M. Fowlkes, dues	2 00
Feb.	2.	C. B. Miller, dues	4 00
	14.	J. V. Jordan, dues	2 00
May	15.	Aug. Bradley, dues	2 00
June	20.	J. D. Croom, dues	2 00
	20.	C. C. Green, dues	2 00
	27.	S. R Biggs, dues	2 00
	28.	A. W. Rowland, dues	2 00
July	3.	T. R. Hood, dues	2 00
	3.	F. L. Jacobs, dues	2 00
	3.	D. L. Adams, dues	2 00
	3.	F. T. Fuller, dues	2 00
	3.	James I. Johnson, dues	2 00
	3.	H. M. McDonald, dues	2 00
	7.	E. V. Zoeller, dues	2 00
	8.	A. G. Bogue, dues	4 00
	10.	John R. Williams, dues	2 00
	10.	R. I. Williams, dues	2 00
	11.	Jesse Carter, dues	2 00
	11.	George C. Goodman, dues	2 00
	11.	W. A. Hayes, dues	2 00
	11.	T. H. Nicholson, dues	2 00

July	12.	John Young, dues	$ 2 00
	13.	H. C. Ashcraft, dues	2 00
	13.	R. Berry, dues	2 00
	13.	E. M. Nadal, dues	2 00
	13.	John Reedy, dues	2 00
	14.	Frank T. Smith, dues	2 00
	14.	N. D. Fetzer, dues	2 00
	14.	R. L. Davis, dues	2 00
	17.	W. G. Thomas, dues	2 00
	20.	J. B. Smith, dues	2 00
	20.	J. P. Woodall, dues	2 00
	25.	T. C. Smith, dues	2 00
	25.	W. C. Carmichael, dues	2 00
	25.	J. H. Hill, dues	2 00
	25.	T. R. Abernethy, dues	2 00
	26.	E. V. Howell, dues	2 00
	31.	D. D. Johnson, dues	2 00
	31.	O. M. Royster, dues	2 00
	31.	S. J. Welsh, dues	2 00
	31.	D. Herring, dues	2 00
	31.	W. C. Whitfield, dues	4 00
	31.	R. D. Blacknall, dues	2 00
	31.	P. W. Vaughan, dues	2 00
	31.	V. O. Thompson, dues	2 00
	31.	H. F. Shaffner, dues	2 00
	31.	F. A. Bobbitt, dues	2 00
	31.	J. M. Griffin, dues	2 00
	31.	W. H. McNair, dues	2 00
	31.	M. E. Robinson, dues	2 00
	31.	William Niestlie, dues	2 00
	31.	————, dues	2 00
	31.	W. H. King, dues	4 00
	31.	J. H. Bobbitt, dues	2 00
	31.	Charles Fetzer, dues	2 00
	31.	E. T. Whitehead, dues	2 00
Aug.	1.	B. C. Jones, dues	2 00
	7.	H. R. Horne, dues	2 00
	7.	John R. Smith, dues	2 00
	7.	B. E. Sedberry, dues	2 00
	7.	C. D. Sedberry, dues	2 00
	7.	H. S. Sedberry, dues	2 00
	8.	A. J. Cook, dues	2 00
			$461 01

1892. DISBURSEMENTS.

Aug.	11.	J. H. Bobbitt (Committee on Queries and Papers)	$ 9 20
	12.	A. J. Cook, salary as Treasurer	50 00
	15.	F. W. Hancock, salary as Secretary	75 00
	15.	F. W. Hancock, additional bill	32 50
	16.	Exchange on checks	25
Sept.	12.	Paid J. T. Watts, Jr., stenographer	20 00
Nov.	18.	Express on letter-heads	25
	19.	Fay. P. and Pub. Co., bill	1 75
	26.	Gill Engraving Co.	18 00
Dec.	1.	J. A. Steel, filling in nine certificates	2 25
	6.	Draft-book	20
	14.	Exchange on drafts	20
	15.	Exchange on drafts	10
	21.	Exchange on drafts	15
1893.			
Jan.	5.	Exchange on drafts	10
	14.	Exchange on drafts	10
	23.	Exchange on drafts	20
Feb.	2.	Exchange on drafts	15
	14.	Exchange on drafts	10
	14.	E. M. Uzzell's bill	104 50
May	15.	Aug. Bradley (Committee on Papers and Queries)	12 25
July	12.	Aug. Bradley (Committee on Papers and Queries)	2 50
	13.	Exchange on drafts	25
	17.	E. M. Uzzell, bill for announcement cards	15 00
	18.	Draft-book	25
	25.	Exchange on drafts	40
	31.	Exchange on drafts	1 90
Aug.	8.	Stamps used by Treasurer	4 44
	8.	Balance on hand	109 02
			$461 01

Respectfully submitted,

A. J. COOK,
Treasurer.

On motion, the above report was referred to an auditing committee, consisting of Messrs. W. H. Wearn, of Charlotte; J. Hal. Bobbitt, of Raleigh; R. L. Dixon, of Milton.

The Secretary made the following report:

SECRETARY'S REPORT

To the Officers and Members of the North Carolina Pharmaceutical Association:

GENTLEMEN:—The proceedings of the last Association were printed and issued as usual. All correspondence and other matters pertaining to the office of Secretary have been promptly attended to.

Since last meeting I have received the following copies of proceedings for 1892 from other Associations:

Pennsylvania, Iowa, Connecticut, Kentucky, New Hampshire, Wisconsin, Minnesota, South Dakota, Utah, Indiana, North Dakota, Louisiana, Nebraska, Michigan, Virginia, Ohio.

Also American Pharmaceutical Association minutes and Philadelphia College Pharmacy Alumni Reports.

Have also received the following journals:

Pharmaceutical Era, American Druggist and Pharmaceutical Record, Bulletin of Pharmacy, Drug, Oil and Paint Reporter, North Carolina Medical Journal and *Charlotte Medical Journal.*

The expenses of the office for the fiscal year have been as follows:

Three hundred copies of proceedings	$104 50
Six hundred announcement cards	15 00
Postage account	17 50
Expressage	2 35
Stationery	3 05
Engraving cuts	18 00
Secretary's salary	75 00
Stenographer	20 00
Telegrams	2 18
Total	$257 58

Respectfully submitted,

F. W. HANCOCK,
Secretary.

On motion, this report was referred to the same auditing committee as that of the Treasurer.

On motion of Mr. A. J. Cook, of Fayetteville, the reading of the minutes of the last annual meeting was dispensed with, they having been printed and copies issued to all members of the Association.

The following report of the Executive Committee was read by its chairman, Mr. P. W. Vaughan, of Durham, and, on motion, the same was adopted.

EXECUTIVE COMMITTEE'S REPORT.

To the Members of the North Carolina Pharmaceutical Association:

GENTLEMEN:—In accordance with the requirements of the by-laws your Executive Committee beg leave to report as follows:

The proceedings of our last meeting were promptly published and a copy mailed to each member by the Secretary.

We would say right here that the proceedings compared favorably with those of any other State Association.

We regret to have to chronicle the death of Dr. F. C. Miller, of Wilmington, and we recommend that a memorial page be set apart for him in our proceedings.

Number of active members, one hundred and fifty-two; number of honorary members, three; number of delinquents, twenty-nine; number of applications, fifteen.

Respectfully submitted,

P. W. VAUGHAN,
J. L. PRIOR,
GEORGE C. GOODMAN,
W. G. THOMAS,
F. W. HANCOCK (*ex officio*).

The Secretary stated that the place for the meeting of the State Medical Society having been changed from Winston to Raleigh, he wrote the delegates of the change and asked if they could attend.

Finding that none could do so, he appointed in their stead the following delegation, all of Raleigh, to represent the Association: Messrs. James I. Johnson, J. Hal. Bobbitt, B. W. Hunter.

They made the following report, which, on motion, was received and adopted:

REPORT OF DELEGATION TO STATE MEDICAL SOCIETY.

North Carolina Pharmaceutical Association:

GENTLEMEN:—Your committee appointed to attend the meeting of the Medical Society in Raleigh, which took place in May of the present year,

beg leave to report that they were present at that meeting and were extended the usual courtesies on such occasions, nothing further transpiring to call forth any action on their part.

Respectfully submitted,

JAS. I. JOHNSON,
For the Committee.

A communication was read from Dr. H. M. Whelpley, chairman of the Committee on Membership of the American Pharmaceutical Association, inclosing blank applications and requesting as many as could do so to become members, and thereby become better represented in the National Association.

A letter was read from Prof. F. P. Venable, of the University, regretting that no appropriation was made by the last Legislature for the establishing of a Chair of Pharmacy at that institution, but he assured the Association that this measure should, if possible, be carried through, if he had to attend the next Legislature and do all the work himself.

A letter was read from Dr. T. B. Delamar, of Beaufort, chairman of the Committee on Membership, regretting, on account of the illness of his wife, his inability to attend the meeting.

Several communications were also read from Prof. Joseph P. Remington, of the Philadelphia College of Pharmacy. Among them was the following:

PHILADELPHIA, April 22, 1893.

Mr. Augustus Bradley:

DEAR SIR:—I received your invitation from the Committee on Papers and Queries of the North Carolina Pharmaceutical Association, and it would give me a great deal of pleasure to contribute a paper to your Association. The demands upon my time at present, however, are very serious, and I will be unable this year to send you a paper.

Your list of queries is very practical, and should receive numerous responses. In regard to query 25 I would like to make a suggestion. There is no desirability of arranging the bottles on the shelves alphabetically, provided you have one shelf devoted to very poisonous substances.

You will notice that if a strict alphabetical arrangement is used Tincture of Aconite comes next to Tincture of Aloes, and, while a customer is asking a question or any sudden interruption occurring, may cause the clerk, while his head is turned, to take up the Tincture of Aconite bottle instead of the Tincture of Aloes

Of course the question comes, "Where are you to draw the line?"

I would take out such very poisonous tinctures, like Aconite, and all narcotic ones, like Belladonna, Digitalis, etc., and all that will kill in similar doses. Then I would arrange the poisonous tinctures on the shelves alphabetically, and all of the rest alphabetically, of course.

The advantages of a system based on these principles are many, among which may be noted a very important one—a new clerk coming into the store can be put very quickly "*en rapport*" with the system, and thus save valuable time to the proprietor.

Very truly yours,

JOSEPH P. REMINGTON.

It was announced that the Georgia, Wisconsin and North Dakota Associations were now in session, and the Secretary was instructed to wire them greetings, which he did in the following words:

GREENSBORO, N. C., August 9, 1893.

The North Carolina Pharmaceutical Association in meeting assembled sends fraternal greetings. F. W. HANCOCK,

Secretary.

Mr. L. Richardson, of Greensboro, stated that he had been requested by the druggists of the city to extend to the members a cordial invitation to attend a banquet that night at 10 o'clock at the Benbow House. The invitation was accepted with thanks.

On motion, the Association adjourned to meet at 4 o'clock P. M.

SECOND SESSION.

The Association was called to order at 4 P. M., the President in the chair.

Mr. E. V. Zoeller, of Tarboro, read the report of the Committee on Education, as follows:

REPORT OF COMMITTEE ON EDUCATION.

To the North Carolina Pharmaceutical Association:

The Committee on Education, appointed at the last meeting of the Association, and empowered to memorialize the Legislature on the subject of establishing a Chair of Pharmacy at the University of North Carolina, beg leave to make the following report:

Deeming it wise to consult with the friends of the measure as to the best course to pursue in order to secure the end we had in view, and knowing the great interest manifested by Dr. Winston, President of the University, in the matter, your committee conferred with him as to the plan of procedure. After due consideration it was thought best to incorporate into one bill the several amounts to be asked for for necessary repairs, improvements, etc., in the University, together with such sum as would be needed for the establishment of the contemplated Chair of Pharmacy, thereby concentrating the influence of the pharmacists and other friends of the University in securing the passage of the bill.

In accordance with this plan a bill was drawn asking for the necessary appropriation, viz., $10,000 per annum; this, as the bill recited, was to make the necessary repairs, etc., one thousand dollars of which was to be applied annually to the support of the Chair of Pharmacy.

The bill was introduced in the Senate and referred to the Committee on Education. Your committee appeared before the Senate committee in behalf of the measure, and here we desire to acknowledge the assistance rendered by Dr. Winston and other friends. The result was that the committee agreed unanimously to report the bill to the favorable consideration of the Senate. In due time the measure came up for discussion in the Senate, when an amendment was offered and carried limiting the appropriation asked for to repairs and necessary plumbing work, and that it run for two years only, thereby cutting off that part of it intended for the Chair of Pharmacy. On consultation with a prominent member of the Senate he advised that we try to have the amendment stricken out when the bill reached the House, and then have it sent back to the Senate for concurrence.

On mentioning this to Dr. Winston he said that if we could get it through the House in its present shape he preferred not to risk it in the Senate again; that if he got the whole amount that he could use it all in repairs, and that he had other funds he could use for the Department of Pharmacy.

Since that time the trustees of the University have met and created some new departments, but so far as we can learn have taken no steps towards the establishment of a Chair of Pharmacy.

In the bill asking for the appropriation from the State it was intended that one thousand dollars should be annually appropriated for the maintenance of the Chair of Pharmacy, but that part having failed, we sup-

pose that the Trustees could not see their way clearly to put the Department of Pharmacy, proposed to be established, upon a proper basis.

So far, then, our efforts have been productive of no tangible results, and nothing more can be done until the next meeting of the Legislature.

Your committee would suggest that in the *interim* each member of the Association be appealed to to use his personal influence with the member of the Legislature from his own county, and thereby help to create a sentiment in favor of the establishment of this much needed department at the University. Your committee are of the opinion that if this course is pursued, and the matter brought to the attention of the several members of the Legislature, and it be presented to them in its proper light, that they will provide, as they should, the necessary means to equip and place the Department of Pharmacy on a sound basis.

Respectfully submitted,

WILLIAM SIMPSON, *Chairman*,
H. R. HORNE,
E. V. ZOELLER,
F. W. HANCOCK.

The report was discussed with interest by the following members: Messrs. L. Richardson, of Greensboro; W. H. Wearn, of Charlotte; H. R. Horne, of Fayetteville.

Pending the adoption of the report, Dr. Winston, of the University, made the following remarks:

Mr. President and Gentlemen of the Association:

It gives me pleasure to be with you at another annual meeting. The memories of last year are still fresh and sweet. I am glad of an opportunity to explain what has been done in regard to establishing a Chair of Pharmacy in the University, and to consult about future action relating thereto.

Before the meeting of the last Legislature I called the attention of the Board of Trustees of the University to the steps that were taking to secure the establishment of this chair by an act of the Legislature. The Board considered the various necessities of the University; the necessity for new roofs on buildings one hundred years old, the necessity for new floors, ceilings, doors, etc., in the same buildings, the necessity for a proper supply of water, with sanitary and other conveniences, the necessity for a hospital or infirmary wherein students who were sick might be isolated and properly treated, the necessity for a Chair of Normal Instruction, whereby special professional training might be offered the young men of the State who desire to be teachers, and the necessity for a new dormitory. All these necessities (and others) were considered by the Board of Trustees of the University along with the necessity for a Chair of Pharmacy.

Those members of the Board who had experience in legislative matters advised that an estimate be made of the probable cost of providing these various necessities, and that *one* bill be presented in the Legislature providing for all these things instead of half a dozen or more separate bills, each providing for one separate thing. It was thought that *one omnibus bill* would combine all the friends of all the separate bills, whereas many separate and distinct bills, each asking for a separate appropriation, would not only fail to secure the votes of all who might vote for an omnibus bill, but would probably excite active and warm opposition by men who were not friendly either to the University or to the Chair of Pharmacy. This was the unanimous opinion of the Board of Trustees. I thought it was wise then, and I think so now.

A bill was prepared in accordance with these views and was read before the Board of Trustees. That bill contained a section providing for the establishment of a chair and the equipment of a laboratory of pharmacy in the University. The Board of Trustees heard the bill read, unanimously approved it, and passed a resolution requesting the Legislature to enact it into law. His Excellency the Governor called especial attention to the bill in his message, and it received the approbation of leading members of both houses. Senator James H. Pou, of Johnston, was kind enough to introduce it in the upper house, and Representative Allen, of Wayne, in the lower. The committee appointed by your honorable body to bring this matter before the Legislature was most zealously represented by Mr. Simpson and Mr. Hancock. The former, as you know, lives in Raleigh; the latter came there several times and spent several days there actively engaged in canvassing for the bill. I came to Raleigh and stayed there fully a month. I had frequent conferences with Messrs. Simpson and Hancock, and they approved of the plan adopted. The bill was referred to the joint Committee on Education, and we were invited to present its merits before that committee. We did so. Mr. Simpson was present, and I think Mr. Hancock. The committee *unanimously recommended* the bill. It came up in the Senate. To my great surprise active and even warm opposition arose. Various amendments were offered intended to cripple the bill. The appropriation asked for was diminished, and the clauses providing for a Chair of Pharmacy, a Chair of Normal Instruction, a new dormitory, and some other objects were stricken out by a small majority. I never assented to this action, but I could not prevent it. The work was done; the Chair of Pharmacy was killed, at least for the present. The active friends of the University all voted for the Chair of Pharmacy, but the Legislature would not sustain them. It was stricken out of the bill by a special amendment and a special vote. The matter was ended. Messrs. Simpson and Hancock were in favor of trying again with a separate bill, but it would have been entirely futile. Many who had supported the Chair of Pharmacy as a

part of the omnibus bill would not have supported it alone. It would simply have weakened the cause to make another fight.

There is no need of moping nor of despair. We are going to have our Chair of Pharmacy. It is merely a question of time. I am endeavoring to perfect plans now for its establishment. The University has every appliance and convenience for instruction in all subjects relating to pharmacy, except the technical professional instruction in compounding and handling drugs. We hope to provide that during the year.

Reference has been made to the establishment of other new departments in the University. Only one has been established; *i. e.*, the Department of Normal Instruction. This has involved the expenditure of very little money. We have simply re-arranged certain classes in history and in English, and reorganized the instruction therein given so as to enable us to use the salaries (heretofore given to assistant teachers in those departments) for paying the Professor of Normal Instruction, who also gives the required assistance in English and history.

We would have been glad to establish the Chair of Pharmacy if we could have made a similar arrangement, but it has not been possible to do so.

I desire to thank Messrs. Hancock and Simpson for their active and unselfish labors during the session of the Legislature. They did all that was possible. As a matter of course I used my best efforts in the same direction. I desired to have a Chair of Pharmacy at the University for the benefit of the people of the State, for the benefit of the profession of pharmacists and for the benefit of the University. My views have not changed in the least. I desired the chair then; I desire it now; we all desire it, and *we are going to have it.*

On motion, the report was adopted.

In the absence of the Secretary and Treasurer of the North Carolina Board of Pharmacy his report was read by Mr. E. V. Zoeller, of Tarboro.

On motion, the report was adopted, and the financial statement therein referred to the Auditing Committee previously appointed.

Mr. L. Richardson, of Greensboro, offered the following resolution, which, on motion, was unanimously passed:

Resolved, That the thanks of this Association be hereby tendered our Committee on Education, Messrs. Simpson, Hancock, Zoeller and Horne, also Dr. Winston and friends of Chapel Hill, for the work they have so well done toward establishing a Chair of Pharmacy at our University.

The Secretary received and read the following responses to telegrams sent in the morning:

ROME, GA., August 9, 1893.

F. W. Hancock, Secretary North Carolina Pharmaceutical Association:

Gratefully acknowledging your greeting, the Georgia Pharmaceutical Association tenders hearty reciprocal sentiments.

H. HARRINGTON,
Secretary.

FOND DU LAC, WIS., August 9, 1893.

F. W. Hancock, Secretary North Carolina Pharmaceutical Association:

Greetings received and appreciated. Accept fraternal regards and best wishes of this Pharmaceutical Association.

E. B. HEIMSTREET,
Secretary.

On motion, the Association adjourned until Thursday morning at 9:30 o'clock.

THIRD SESSION.

THURSDAY, August 10, 1893.

The President called the meeting to order at 9:30 A. M.

The chairman being absent on account of sickness in his family, no report was made by the Committee on Membership.

No report was made from the Committee on Trade Interests.

The following report was read by the delegate who attended the Virginia Pharmaceutical Association, and, on motion, the same was adopted:

REPORT OF DELEGATE TO VIRGINIA PHARMACEUTICAL ASSOCIATION.

The North Carolina Pharmaceutical Association:

GENTLEMEN:—I regret very much that I was the only delegate who attended the Virginia Pharmaceutical Association, which met at Petersburg, October 11, 12 and 13, 1892. It is with pleasure I report that the courtesies of the floor were unanimously extended and every kindness

shown your delegate. He regrets that he sees present none of the appointed representatives from that Association that we might heartily reciprocate their kindness. There were quite a number of profitable and interesting papers read, and the social features of the meeting I have never seen surpassed. I am sorry that our full delegation were not present to enjoy them. Respectfully submitted,

F. W. HANCOCK,
Delegate.

No delegates attended the American Pharmaceutical or the South Carolina Pharmaceutical Associations.

The Committee on the President's Address submitted the following report:

REPORT OF COMMITTEE ON PRESIDENT'S ADDRESS.

To the Officers and Members of the North Carolina Pharmaceutical Association:

GENTLEMEN:—Your committee to whom was referred the address of our President, H. R. Chears, respectfully recommend that it be received with the thanks of the Association, and published in full in the proceedings of this meeting. We congratulate our Association upon the large accession to its membership at this session—fifteen in number. We again call attention to the importance of a continued effort by every member of the Association to the early establishment of a Chair of Pharmacy at our State University.

1. We cordially recommend the President's suggestion as to the adoption and daily use of the new Pharmacopœia and National Formulary. (Adopted).

2. Your committee also recommend that a Committee on Legislation be appointed to obtain such amendment to the Pharmacy Act that two classes of pharmacists be provided for, instead of one, by the State Board, the first as assistant pharmacist and the other as pharmacist. (Rejected).

Respectfully submitted,

L. RICHARDSON,
P. W. VAUGHAN.

The above report was, on motion, considered and acted upon in sections, with the results indicated after each section.

The Auditing Committee made the following reports, which were adopted:

REPORTS OF AUDITING COMMITTEE.

To the Officers and Members of the North Carolina Pharmaceutical Association:

The financial statement of the Treasurer of the North Carolina Pharmaceutical Association has been carefully examined and found to be correct.

R. L. DIXON,
J. H. BOBBITT,
W. H. WEARN,
Auditing Committee.

The expense items contained in the Secretary's report have been examined and found to tally with the vouchers as paid by the Treasurer.

R. L. DIXON,
J. H. BOBBITT,
W. H. WEARN,
Auditing Committee.

The financial statement of the Secretary and Treasurer of the North Carolina Board of Pharmacy has been carefully examined and found to be correct.

R. L. DIXON,
J. H. BOBBITT,
W. H. WEARN,
Auditing Committee.

Mr. Augustus Bradley, of Henderson, chairman of the Committee on Papers and Queries, submitted the following report in form of circular-letters:

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION,

HENDERSON, N. C., April 10, 1893.

DEAR SIR:—I herewith forward you the annual circular and the queries of the committee, with the hope that they will engage your attention.

The committee have endeavored to confine themselves to matters of practical utility.

Will you kindly prepare an article on some of the subjects submitted and thus assist in making this a more interesting and instructive session than heretofore?

Both personal interest and professional pride dictate the advancement of our Association. Trusting you will do your part to this end, I am

Very truly yours,

AUGUSTUS BRADLEY.

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION.

COMMITTEE ON PAPERS AND QUERIES.

HENDERSON, N. C., April 10, 1893.

FOURTEENTH ANNUAL MEETING, TO BE HELD AT GREENSBORO, N. C., AUGUST 9 AND 10, 1893.

At the last meeting of our Association our President, Mr. W. H. Wearn, in his able address showed that since the organization of our Association the Committee on Papers and Queries had secured for the Association from its members an average of three to five papers annually. This, he stated, compared favorably with three of the largest State Associations in the United States.

This we feel is very gratifying to the members of our Association, and especially is this true as to your committee, but we should not be satisfied at this advancement, but should strive to excel and even surpass our previous efforts.

You can rest assured your committee will be zealous, and do everything in their power to make this meeting one of the most scientific in its production of papers that has ever been held.

It is the earnest desire and wish of the committee that we have a larger number of papers read than at any previous meeting.

We therefore ask you to co-operate with us in putting forth every effort to make our next meeting a very pleasant and profitable one.

Remember that the "Hancock Prize," an excellent Materia Medica cabinet, donated by our efficient Secretary, Mr. F. W. Hancock, is annually awarded to the member presenting the most meritorious paper.

You are earnestly requested to make known to the chairman of the committee, prior to the meeting at Greensboro, the title of all papers to be read; you are also requested by the committee to have your papers copied with type writer before presenting.

The following is a list of queries submitted for your consideration, with the hope that every one will be responded to. There is no restriction to these, but contributors may choose any other subject:

QUERIES.

1. To what extent is the Rhubarb and Mustard of the trade colored with Tumeric?
2. Give a formula for making a stable Solution of Magnesium Citrate.
3. Do tinctures made from Fluid Extracts and Prepared Powders for percolation compare favorably with the product obtained from the U. S. P. formulas?
4. Should druggists label physicians' prescriptions poison without their consent?
5. Is the use of the Metric system by physicians increasing?

6. Will it pay druggists to familiarize themselves with urinary analysis, and keep a full line of test solutions for such work?

7. Does the preparing of mineral waters from the artificial salts give general satisfaction?

8. To what extent is the U. S. P. Laudanum and Paregoric prepared from unassayed opium?

9. Will the Drug Clerks' Association, organized a few months ago, be of any help to this Association; if so, how?

10. Do Syrup of Iodide of Iron and other preparations made from the concentrated solutions give entire satisfaction?

11. Is the microscope of sufficient use to a pharmacist to jusify him in keeping one in his laboratory?

12. Can pharmacists pay a percentage to physicians for prescription favors?

13. Should patent and proprietary medicines be prescribed and recommended by physicians?

14. Should conscientious pharmacists dispense alcoholics?

15. Give a formula for making Oxide of Zinc Ointment that will not granulate.

16. Suggest a practical method of preserving Sweet Spirits of Nitre.

17. Present a formula for a stable Syrup Iodide of Iron.

18. Examine Chloroform and purified Chloroform and report difference, if any.

19. What is the quality of Belladonna root as obtained through the wholesale dealer?

20. Test samples of Cantharidal Collodion and report.

21. What proportion of Cinchona barks of commerce correspond to U. S. P. Tests?

22. Test the ready-made Cantharidal plasters on the market and report their vesicating qualities.

23. Is there any difference between the cathartic properties of Fluid Extract Cascara Sagrada and the so-called tasteless extract?

24. Examine samples of alcohol and show to what extent it is adulterated, if any.

25. Would it not be a good idea to have the shelf bottles in drug stores alphabetically arranged? Write an essay on the subject.

26. Is it good policy for pharmacists to carry paints, oils, light groceries, hardware, etc., in stock?

27. Is it treating the physicians right for the pharmacist to manufacture proprietary preparations, such as cough cures, headache preparations, and the like, and push their sale?

28. To what extent are Volatile Oils of the trade adulterated?

29. Write an essay on disinfectants and present a few formulas.

30. Present a formula for making a stable Syrup of Wild Cherry.

31. Ammonium Carbonate of the trade is reported as being very inferior. Test a few samples and report.

32. What will be the best plan to bring about closer relationship between physicians and pharmacists, and thereby increase prescription patronage and the use of home pharmaceuticals?

Respectfully submitted,

AUGUSTUS BRADLEY, *Chairman*,
HENDERSON, N. C.,

P. W. VAUGHAN,
DURHAM, N. C.,

J. L. PRIOR,
RALEIGH, N. C.,

Committee.

NORTH CAROLINA PHARMACEUTICAL ASSOCIATION,

HENDERSON, N. C., June 1, 1893.

DEAR SIR:—Since the issue of our query circular the following communication has been received from Messrs. Seabury & Johnson, of New York, which explains itself:

"At the earnest solicitation of some of the State Pharmaceutical Associations we have determined to offer a prize of a Histological Microscope, valued at $75, for the best essay by a member of a Pharmaceutical Association on 'Substitution; its relation to the health of the people and the best means for its prevention.' The papers must be forwarded to Seabury & Johnson before September 1, 1893, the judges to make the award being a select committee of three members of the College of Pharmacy of the City of New York, and the paper of the successful contestant to be read before a meeting of the Association to which he or she may belong."

We hope the above may arouse a laudable spirit of pride and ambition for the attainment of this prize in our own Association.

Very truly yours,

AUGUSTUS BRADLEY.

On motion, this report was adopted.

The chairman of the Committee on Papers and Queries received and read a communication from Mr. William Niestlie, of Wilmington, expressing his regret at being unable to attend the meeting, and enclosing comments on several of the queries.

Mr. Augustus Bradley, of Henderson, read three papers, one entitled "Granular Effervescent Preparations," one entitled "Oxide of Zinc Ointment," and the other "Permanent Syrup Iodide of Iron."

On motion, they were ordered to take the usual course of publication. (See Papers).

Mr. Augustus Bradley, of Henderson, had on exhibition a general drying apparatus for retail druggists, gotten up by himself, which interested the members present.

The members of the Board of Pharmacy present were appointed a committee to award the Hancock Prize.

On motion, the Association adjourned to meet at 3:30 P. M.

FOURTH SESSION.

The Association was called to order at 3:30 o'clock, with the President in the chair.

The Question Box was opened and found to contain a number of important and interesting queries. These were freely and fully discussed by many of the members present, this discussion proving to be a very interesting feature of the meeting.

After the discussion upon the query, "Can the pharmacists by united effort make shorter hours of work at same profit in business and longer life and better health for themselves?" on motion, a committee of three was appointed to prepare a resolution in regard to it and present it to the Association.

The chair appointed Messrs. W. H. Wearn, of Charlotte; N. D. Fetzer, of Concord; H. R. Horne, of Fayetteville.

After retiring, the committee submitted the following preamble and resolution:

WHEREAS, The North Carolina Pharmaceutical Association, realizing that the custormay hours spent at business by the pharmacists of the State are longer than business actually demands, and believing that these hours may be decreased without detriment to business and with profit to themselves physically; therefore,

Resolved, That each pharmacist in the State be requested to express to the Association, through its Secretary, before the next annual meeting, his preference as to the hours of closing at night during the week; also in regard to Sunday closing—whether he prefers total closing of stores on that day, excepting one in each place, each alternating with one another, or the keeping open of all the stores for certain hours during the day, and whether he would be willing to submit to the making of satisfactory rules to this end.

On motion, the above resolution was adopted, and the Secretary instructed to have the same printed and sent with postal for reply to every registered pharmacist in the State, that the Association might have an expression of preference from them in regard to this matter.

The committee to whom was submitted the awarding of the Hancock Prize decided that the most meritorious paper read was the one written by Augustus Bradley, of Henderson, entitled "Granular Effervescent Preparations." The prize was, therefore, awarded him.

Our delegation to the American Pharmaceutical Association were requested to use every effort to procure the next meeting of that body for Asheville, N. C.

Asheville was selected as the next place of meeting, the time, in case the American Pharmaceutical Association meet there also, to be one day earlier than that meeting; if not, the date to be fixed by the Executive Committee.

The Association went into the annual election of officers, and the following were unanimously elected:

President—N. D. Fetzer, of Concord.

Vice-Presidents—J. Hal. Bobbitt, of Raleigh; P. W. Vaughan, of Durham; Augustus Bradley, of Henderson.

Secretary—F. W. Hancock, of Oxford.

Treasurer—A. J. Cook, of Fayetteville.

Local Secretary—W. G. Smith, of Asheville.

Executive Committee—R. L. Dixon, of Milton; W. M. Yearby, of Durham; W. H. King, of Raleigh; Charles Fetzer, of Reidsville; F. W. Hancock (*ex officio*), of Oxford.

Member of Board of Pharmacy for five years from April 28, 1894—P. W. Vaughan, of Durham.

The newly-elected officers were escorted to the platform, and on their arrival were introduced by the President. Each of them thanked the Association for the honor conferred upon them, promising to do everything in their power to promote the best interests of the Association.

The outgoing President, on retiring, thanked the Association for courtesies shown him as their presiding officer.

A vote of thanks was tendered the Chamber of Commerce for the use of their hall, to the druggists of the city for

kindness shown us while in their midst, and to the hotels and railroads for reduced rates.

The President was allowed such time as he desired to announce the different committees and delegations. This he promised to do through the proceedings.

There appearing to be no further business before the Association, on motion, it adjourned to meet at Asheville as above stated.

FRANK W. HANCOCK,
Secretary.

BANQUET.

On Wednesday evening at 10 o'clock the members of the Association were handsomely entertained and delighted by an elegant banquet at the Benbow House, given by the druggists of the city and prepared in fine style by mine host Jessup, of that hotel.

Mr. Henry Chears was toast-master, and the following responses were made:

"The North Carolina Pharmaceutical Association." Response by P. W. Vaughan.

"The City of Greensboro." Response by Prof. Chas. D. McIver.

"The Physician." Response by Dr. W. P. Beall.

"University of North Carolina." Response by President G. T. Winston.

"The Ladies." Response by A. M. Scales.

"The Press." Response by J. J. Thornton.

"The Drug Traveler." Response by W. E. Jenkins.

"The Greensboro Druggists." Response by L. Richardson.

PAPERS.

GRANULAR EFFERVESCENT PREPARATIONS.

BY AUGUSTUS BRADLEY, HENDERSON, N. C.

This form of medication is a most pleasing one for the exhibition of many nauseous and disagreeable medicines and those remedies where the assistance of the sedative action of carbonic acid is desired.

Not many years ago the effervescent draught was considered indispensable, but at present it has comparatively fallen into an unmerited oblivion.

It is, however, again making its appearance in such localities where it is extensively advertised.

Carbonic acid is very useful in therapeutics; and it promotes absorption, acting promptly as a cardiac or cerebral stimulant.

Dr. Frank Woodbury, of Philadelphia, says: "It is strange that modern works on therapeutics so generally ignore the effects of carbon dioxide as a medicinal agent. The tissues are bathed with it; and the blood constantly contains a large proportion (twenty per cent. by vol.).

"Experiments show that blood has nearly twice the affinity for carbonic acid that pure water possesses, and will absorb nearly twice its volume. As carbonic acid is always present in the animal body it must play an important part in nutrition, though the point is hardly within the scope of my paper. We may say, however, that since it appears to be the normal stimulant to the pneumo-gastric nerve at both of its extremities, it probably has other functions. At all events, the popular view that carbonic acid is purely and simply a waste product in animal organism is clearly erroneous. I believe myself that it exerts very important influence by retarding oxidation and preventing excessive combustion in the tissues of the body."

The efficacy of these preparations, as a class, depends principally upon the amount of available carbonic acid gas contained therein. The worthless (non-effervescent) stock upon our shelves, in main, prompted me to devise a scheme whereby they could be supplied by the pharmacist fresh on a short notice.

I propose in this paper to relate a few experiments, with results, also giving methods and formulas, with an apparatus of my own get-up, whereby the retail pharmacist can prepare his own granular effervescent preparations, and not be dependent upon the wholesale manufacturer as heretofore. These preparations are made by causing the mixture of

powdered ingredients, consisting of sodium bicarbonate, tartaric or citric acids, sometimes both, and the medicament to become sufficiently moistened as when in such pasty condition, rubbed through a course sieve and dried, granules are produced.

Each article should be separately powdered and dried before mixing, the citric acid to be added last and rubbed in quickly.

The drying apparatus should be previously heated for the reception of the moist granules. The proper pasty consistence of the mixture is only ascertained through practice, some mixtures requiring more of the moistening agent than others.

The selection of a cheap moistening agent seems to me to be an item of great importance, especially when large quantities are to be made.

Samples are prepared with Ether, Amylic Alcohol, Chloroform, Live Steam, Syrup, Carbon Disulphide, etc., but with each too great a loss of carbon dioxide resulted during manipulation to encourage the use of any.

Water or moisture being the prime cause of this loss, I concluded that if a liquid containing no water at all be used granules could be made without any loss of gas.

I was aware that absolute alcohol contained practically no water, but also that if it answered from this stand-point, its expensiveness would discourage its use. However, a small quantity of a mixture was tried, but owing to the hygroscopic properties of this alcohol the experiment proved a failure. In a few minutes after the granules had been removed to be dried, decomposition took place, resulting in an adherence and puffing up of the granules, showing too great a loss of gas.

Purified Benzin was next tried, but owing to the disagreeable taste, odor, and too easily crushed condition of the dried product, it was abandoned.

Benzin, with different percentages of absolute alcohol, resulted likewise.

After numerous experiments I found ninety-five per cent. (by vol.) Ethylic Alcohol, as recommended by the National Formulary, to be the best agent for general use.

I use four copper-wire sieves, Nos. 6, 20, 40 and 60, No. 6 to pass the pasty mass through upon the glass shelf, No. 20 to separate the dried granules from the dust (some manufacturers, to prevent any loss, do not separate it). Nos. 40 and 60 are used for thoroughly mixing the different ingredients.

I like the copper-wire sieves best, owing to their less liability of being attacked by corrosive agents.

The temperature of the drying apparatus, with but a few exceptions, should always be constant, taking care not to allow it to go above 158° F., for fear of converting the Sodium Bicarbonate back into the Carbonate, through the loss of Carbon Dioxide, and also the formation of Caramel in those preparations containing sugar with Tartaric Acid.

The loss in weight encountered in drying the following articles, as found in commerce, are:

Citric Acid, eight to ten per cent.

Sodium Bicarbonate, two to three per cent.

Tartaric Acid, 1-500 per cent.

The use of Tartaric Acid alone, as recommended by the National Formulary, leaves the granules too soft. An addition of Citric Acid will give them firmness, and render their taste more acceptable to the majority of people.

There is no class of preparations that require such special care as these. The absence of moisture is absolutely essential, therefore the bottles should be thoroughly dried and hermetically sealed immediately after being filled. Those composed of Iron, Pepsin and their compounds should be stored in amber or blue glass bottles.

I will submit a few formulas, which I have compiled and am using, most of which, in course of preparation, require some special precautions, which will, however, present themselves to the operator upon his first attempt.

The samples that I have presented were prepared in the drying apparatus, which I will later on explain.

FORMULAS.

I.—GRANULAR EFFERVESCENT CAFFEINE CITRATE.

Caffeine Citrate,	20 grains.
Sodium Bicarbonate,	600 "
Citric Acid,	300 "
Tartaric Acid,	240 "
Powdered Sugar,	620 "

II.—GRANULAR EFFERVESCENT CAFFEINE CITRATE AND PHENACETIN.

Caffeine Citrate,	20 grains.
Phenacetin,	100 "
Sodium Bicarbonate,	600 "
Citric Acid,	300 "
Tartaric Acid,	240 "
Powdered Sugar,	620 "

III.—GRANULAR EFFERVESCENT POTASSIUM BROMIDE.

Potassium Bromide,	$\frac{1}{2}$ troy oz.
Sodium Bicarbonate,	$3\frac{3}{4}$ "
Tartaric Acid,	$1\frac{1}{4}$ "
Citric Acid,	2 "

IV.—GRANULAR EFFERVESCENT CAFFEINE CITRATE AND POTASSIUM BROMIDE.

Caffeine Citrate,	50 grains.
Potassium Bromide,	½ troy oz.
Sodium Bicarbonate,	3¾ "
Tartaric Acid,	1¼ "
Citric Acid,	2 "

V.—GRANULAR EFFERVESCENT MAGNESIUM SULPHATE.

Dried Magnesium Sulphate,	400 grains.
Tartaric Acid,	300 "
Citric Acid,	240 "
Powdered Sugar,	460 "
Sodium Bicarbonate,	600 "

This is practically identical with the Granular Effervescent Magnesium Citrate on the market.

VI.—GRANULAR EFFERVESCENT VICHY SALT.

Potassium Bicarbonate,	45 grains.
Sodium Chloride,	90 "
Magnesium Sulphate,	45 "
Sodium Bicarbonate,	5 troy oz.
Tartaric Acid,	1½ "
Citric Acid,	2 "

VII.—GRANULAR EFFERVESCENT PEPSIN.

Pure Powdered Pepsin,	50 grains.
Citric Acid,	1¾ troy oz.
Tartaric Acid,	1½ "
Powdered Sugar,	½ "
Sodium Bicarbonate,	3¾ "

VIII.—GRANULAR EFFERVESCENT PEPSIN AND BISMUTH.

Pure Powdered Pepsin,	50 grains.
Bismuth and Ammonium Citrate,	50 "
Citric Acid,	1¾ troy oz
Tartaric Acid,	1½ "
Powdered Sugar,	½ "
Sodium Bicarbonate,	3¾ "

I am reliably informed that these preparations are not much used in the Southern States. This is no doubt due to the want of push and advertising by those houses making specialties of them.

By calling the physicians' attention to them, and furnishing a few samples, I do not hesitate to say that this most pleasing form of medication will be revived.

ZINC OXIDE OINTMENT.

BY AUGUSTUS BRADLEY, HENDERSON, N. C.

Zinc Oxide, ...	2 oz. av.
White Refined Petrolatum, ...	8 "

Melt the Petrolatum and rub in thoroughly the Oxide of Zinc in a mortar, until a smooth mixture is effected.

This preparation remains free from granulation and rancidity.

PERMANENT SYRUP IRON IODIDE.

BY AUGUSTUS BRADLEY, HENDERSON, N. C.

Iron in form of card teeth, ...	266 grains.
Resublimed Iodine, ...	2 oz. av.
Granulated Sugar, ...	10½ oz. av.
Syrupy Glucose, ...	3½ oz. av.
Hypophosphorous Acid (10 per cent.), . .	3 fl. dr.
Distilled Water, qs. ft., ...	1 pint.

Add to the Iron and 5 fl. oz. of Distilled Water, in a sufficiently large flask, the Iodine. After the reaction ceases pour the solution of Iron Iodide on a filter, taking care that the orifice of the funnel is beneath the mixture of sugar and glucose contained in a porcelain vessel. Apply heat, and continue until the boiling point is reached. When cold add the Hypophosphorous Acid, and sufficient Distilled Water to make one pint. Store away in 2-oz. bottles, accessible to light.

CODE OF ETHICS.

ADOPTED 1882.

The members of the North Carolina Pharmaceutical Association, considering it necessary that some mutual understanding should exist in regard to the moral principles guiding them in their profession, hereby agree upon the following Code of Ethics:

1. We accept the U. S. Pharmacopœia as our standard and guide for all officinal preparations, and recognize a variance from its rules only in exceptional cases where sufficient authority has proved some other process more reliable to attain the same end. (This section is not intended to interfere with the dispensing of preparations or medicines ordered in accordance with foreign pharmacopœias).

2. We discountenance all secret formulæ between physician and pharmacist, and consider it our duty to communicate such to each other when requested.

3. We distinctly repudiate the practice of allowing physicians a percentage in any form, on their prescriptions or patronage, as being derogatory to both professions.

4. We will endeavor, as far as possible, to refrain from compromising the professional reputation of any physician, and expect, in return, the same courtesy from him.

5. As the apothecary should be able to distinguish between good and bad drugs, in most cases, and as the substitution of a weak or inert drug for an active one may, negatively, be productive of serious consequences, we hold that the sale of impure drugs or medicines, from motives of competition or desire of gain, when pure articles of the same kind may be obtained, is highly culpable, and that it is the duty of every honest apothecary or druggist to expose all such fraudulent acts as may come to his knowledge.

6. The apothecary should be remunerated by the public for his knowledge and skill, and his charges should be regulated by the time consumed in preparation as well as by the value of the article sold. Although local and other circumstances necessarily affect the rate of charges at different establishments, no apothecary should intentionally undersell his neighbors with a view to their injury.

7. Recognizing the value of alcohol as a therapeutic agent, and the propriety of its being dispensed as such by pharmacists, yet deploring the wide-spread evil resulting from its intemperate use in its hundred insidious forms, we condemn any attempt to make it a prominent feature

of our business as unprofessional, and we denounce the loose practice of allowing it to be used on the premises in any shape as a beverage as degrading, and we urge upon pharmacists the duty of exercising at all times a conscientious care in dispensing a drug liable to such dangerous abuse.

8. Members of this Association, when asked to do so, shall give each other, confidentially, any information in their possession affecting the character, habits, integrity or irregularities of any assistant or apprentice who may have applied for employment, or to whom they may have given letters of introduction or recommendation. Any member who shall divulge such confidential communication to the detriment or annoyance of the member giving it shall, upon proof thereof, be no longer entitled to the courtesies due a member, and his name be stricken from the roll.

9. Believing that some means should be adopted to enforce the provisions of this Code, violations of the same may be reported at any annual meeting of this Association, when the accused may be heard in his own defense, when, if found guilty, he may be censured, suspended or expelled by a vote of two-thirds of the members present.

THE CONSTITUTION AND BY-LAWS,

AS REVISED AUGUST 8TH AND 9TH, 1888.

CONSTITUTION.

ARTICLE I.—NAME.

This Association shall be called the North Carolina Pharmaceutical Association.

ARTICLE II.—OBJECT.

The aim of this Association shall be to unite the reputable pharmacists and druggists of this State for mutual assistance, encouragement and improvement, and to advance the science and art of pharmacy, and thereby restrict the dispensing and sale of medicine to properly qualified pharmacists and druggists.

ARTICLE III.—OFFICERS.

The Association shall have the following officers: A President, three Vice-Presidents, a Secretary, a Local Secretary, and a Treasurer. Also an Executive Committee, consisting of five members, of which the Secretary shall be one *ex officio*, all of whom shall be elected annually by ballot, and shall hold office until an election of successors.

ARTICLE IV.—LIFE MEMBERSHIP.

Any member who shall pay the Treasurer the sum of twenty-five dollars at one time shall become a life member and shall be exempt from all future annual dues.

ARTICLE V.—AMENDING CONSTITUTION.

Every proposition to alter or amend this Constitution shall be submitted in writing and received at an annual meeting, and may be voted for at the next annual meeting, when, upon receiving a vote of three-fourths of the members present, it shall become a part of the Constitution.

The By-Laws may be altered or amended by a vote of three-fourths of the members present taken thereon.

BY-LAWS.

ARTICLE I.—DUTIES OF OFFICERS.

SECTION 1. The President shall preside at all meetings, and administer the rules of order usual in deliberative assemblies. He shall nominate all special committees, except a majority of the members present resort to balloting or other means. He shall sign the certificates of membership and countersign all orders upon the Treasurer. He shall present at each annual meeting a report of the operations of the Association during the year, and suggest such subjects for its benefit as he may deem worthy of notice.

SECTION 2. The Vice-Presidents shall, in case of temporary absence or inability of the President to serve, perform his duties in the order of their names.

SECTION 3. The Secretary shall keep a fair and correct record of all the proceedings of the Association. He shall keep on file all papers and reports read. He shall be charged with all correspondence, and with the editing, publishing and distributing the Proceedings of the Association, under the directions of the Executive Committee. He shall notify all members four weeks in advance of each annual meeting, and at each annual meeting render a report of the duties performed by him since the last annual meeting. He shall furnish the chairman of every special committee with a list of its members. He shall be *ex officio* a member of the Executive Committee.

SECTION 4. The Local Secretary shall act under instructions from the Secretary.

SECTION 5. The Treasurer shall collect and have charge of all funds of the Association. He shall give bond in the sum of one thousand dollars for the faithful performance of his duties. The bond must be acceptable to the Executive Committee and placed in the custody of the President, who shall deliver it to his successor. He shall hold and issue the certificates of membership. He shall report to the Executive Committee, previous to each annual meeting, the names of those members who have failed to pay their dues for two successive years. He shall keep a list of the names, residences and date of entrance of each member, and furnish a list of the same at the close of each annual meeting to the Secretary for publication. He shall preserve all applications for membership. He shall pay all bills when countersigned by the President, and at each annual meeting render an itemized statement of his account.

ARTICLE II.—OF COMMITTEES.

SECTION 1. There shall be three standing committees: An Executive Committee of five members, a Committee on Papers and Queries and a

Committee on Trade Interests, each to consist of three members, and to be annually elected or appointed, according to the will of the Association

SECTION 2. The Executive Committee, of which the Secretary is an *ex officio* member, shall have charge of the revision of the roll, the investigation of applicants for membership, and the publication of the Proceedings. They shall report at each annual meeting the names of such members who have refused to pay their annual dues for two successive years. They shall present appropriate notices of deceased members. At least one copy of the Annual Report of Proceedings, as published by the Executive Committee, shall be furnished each member.

SECTION 3. The Committee on Trade Interests shall consider all matters of a trade or commercial nature referred to them, and render a report thereon at such time as may be directed. They may make annual reports and suggest remedies of such trade or commercial irregularities as they may deem worthy thereof.

SECTION 4. The Committee on Papers and Queries shall receive all papers or essays for the Association, and designate which of them shall be read at length and which by title. They shall, in connection with the Secretary, arrange the time which may be most appropriate and convenient for presenting them. They shall annually report a proper number of questions of scientific and practical interest, the answers to which may advance the interests of pharmacy; and shall procure the acceptance of as many such questions for investigation and reply as may be practicable; and in other ways induce the presentation of papers and essays.

ARTICLE III.—OF MEMBERSHIP.

SECTION 1. Every pharmacist and druggist residing in the State, of good moral standing, who is registered or is eligible to registration as a Registered Pharmacist under the Pharmacy Act of this State, of which satisfactory evidence shall be produced or shown to the Executive Committee, may become a member of this Association.

SECTION 2. Any person eligible to membership may apply in writing, with the indorsement of two members in good standing, to any member of the Executive Committee, who shall report his application to said Committee; if, after investigating his claims, they shall approve his election, they shall, at the earliest time possible, report his name to the Association, and he may be elected by two-thirds vote of the members present on ballot.

SECTION 3. Any member, not in arrears, removing to another State and once in two years reporting to the Secretary his address, shall be regarded as an associate of this Association; and it is hereby provided that such failure to report shall be sufficient warrant for the Secretary dropping the name of such associate member from the roll of membership. Asso-

ciate members shall not be eligible to hold office nor be required to contribute to the funds of the Association, but they shall have the privilege of attending the meetings and participating in the deliberations.

SECTION 4. No person shall be considered a member of this Association until he has signed the Constitution and By-Laws and paid into the Treasury the sum of three dollars as an initiation fee; also the annual contribution for the current year. All persons who become members shall be considered permanent members, but may be expelled for improper conduct by a vote of three-fourths of the members present at any annual meeting.

SECTION 5. Every member shall pay in advance into the hands of the Treasurer the sum of two dollars as his yearly contribution. Any one in arrears at any annual meeting shall not be entitled to vote, and any one neglecting to pay his annual dues for two successive years shall be liable to lose his membership. Members complying with the preceding section of this article are entitled to certificates of membership, signed by the President, a Vice-President, the Secretary, and Treasurer. Ex-members, who are so from omissions to pay their dues, desiring to reunite with the Association, may do so by applying in writing to the Treasurer and paying into the funds of the Association the sum of two years' dues when they were members and the dues for the current year; whereupon their names shall be replaced upon the roll.

SECTION 6. Resignations shall be made in writing to the Secretary, but no resignation shall be accepted from any one who is in arrears to the Treasurer. All resignations shall be acknowledged by the Secretary and reported at the next annual meeting.

SECTION 7. Pharmacists, chemists, and other scientific men who may be deemed worthy of the distinction, may be elected honorary members. They shall not be required to contribute to the funds, nor shall they be eligible to office, or to vote upon any question.

ARTICLE IV.—OF MEETINGS.

SECTION 1. The meetings shall be held annually, or from time to time, as the Association may determine, provided that in cases of failure of this from any cause the duty of calling the Association together shall devolve upon the President, or on the Vice-Presidents, with the advice and consent of the Executive Committee.

SECTION 2. At the opening of each annual meeting, in the absence of the President, or Vice-Presidents, one of the Executive Committee shall take the chair. In absence of all, a President *pro tempore* shall be elected by the members present. In the absence of the Secretary, the presiding officer shall appoint a Secretary *pro tempore*.

SECTION 3. Fifteen members constitute a quorum.

ARTICLE V.—OF DELEGATES.

SECTION 1. The President shall annually appoint five delegates to the American Pharmaceutical Association, and three to the Virginia Pharmaceutical Association, and three to the North Carolina State Medical Society. The delegates shall present their report at the next annual meeting of the Association. Delegates shall be entitled to appoint alternates.

ARTICLE VI.—BUSINESS ORDER.

1—Calling Roll.
2—Reading Minutes.
3—Election of Members.
4—Reports of Officers.
5—Miscellaneous Business.
6—Reading Communications.
7—Reports of Committees.
8—Election of Officers.
9—Adjournment.

APPENDIX.

It is very gratifying to the Secretary to announce that since the meeting of the Association our delegation to the American Pharmaceutical Association succeeded in procuring the next meeting of that body for the town of Asheville, N. C. The date was fixed for the first Monday in September, 1894, although it may become necessary to change this date. Our Association will meet one or two days before.

This is the first time the American Pharmaceutical Association has ever met in our State, and it is earnestly hoped that we will have a large attendance of our membership to welcome this body to the Old North State. Announcements will be issued giving dates of both meetings some time before.

ROLL OF MEMBERS.

ACTIVE.

Abernethy, T. R.	Newton	1880
Adams, D. L.	Raleigh	1880
Allen, R. L., M. D.	Waynesville	1887
Ashcraft, Henry C.	Winston	1880
Barden, J. J.	Fremont	1880
Barker, W. R.	Salisbury	1881
Barrett, A. F.	Roxboro	1892
Beck, Robert T.	Charlotte	1881
Bellamy, R. R.	Wilmington	1893
Berry, Richard	New Berne	1880
Blacknall, R. D.	Durham	1880
Bradley, Augustus, Ph. G.	Henderson	1891
Bobbitt, James H.	Raleigh	1886
Bobbitt, F. A.	Winston	1892
Bogue, A. G.	Fremont	1889
Bunting, J. Hicks	Wilmington	1893
Burwell, G. E.	Goldsboro	1890
Carmichael, W. C.	Asheville	1880
Carter, Jesse	Madison	1882
Cates, A. B.	Burlington	1893
Chandler, Henry G.	Asheville	1887
Chears, H. R., Ph. G.	Plymouth	1888
Conyers, Z. V.	Greensboro	1893
Cook, A. J.	Fayetteville	1886
Crawford, T. D.	Oxford	1881
Croom, J. D.	Maxton	1880
Dalton, P. H., Jr., Ph. G.	Durham	1889
Davis, Owen	Henderson	1884
Davis, R. L., M. D.	Bryson City	1892
Delamar, Thomas B., M. D.	Beaufort	1890

DeVault, C. W.	Asheville	1880
Dixon, Robert L.	Milton	1889
Duffy, R. N.	New Berne	1880
Everington, George	Laurinburg	1883
Farriss, John B.	Greensboro	1893
Fentress, H. L.	Wilmington	1883
Fetzer, Charles	Reidsville	1890
Fetzer, N. D.	Concord	1890
Fisher, E. D., Ph. G.	Durham	1893
Fowlkes, W. M., M. D.	Rockingham	1880
Fuller, F. T.	Raleigh	1880
Gaskill, George W.	New Berne	1893
Gooding R. J.	New Berne	1890
Goodman, George C.	Mooresville	1881
Grant, James S., Ph. G.	Asheville	1887
Green, C. C.	New Berne	1880
Green, W. H., Ph. G.	Wilmington	1880
Griffin, John M.	Rocky Mount	1888
Griffin, J. W.	Monroe	1882
Grissom, Eugene, M. D.	Raleigh	1880
Haithcock, S. S.	Greensboro	1893
Haithcock, John E.	Williamsboro	1881
Hall, William F., Jr.	Statesville	1893
Hancock, F. W.	Oxford	1880
Hardin, John H.	Wilmington	1880
Hargrave, W. W.	Tarboro	1880
Hargrave, J. B.	Newton	1889
Harrison, John W.	Macon	1883
Hawley, F. O., M. D.	Polkton	1882
Hayes, William A.	Hillsboro	1891
Henry, T. A.	New Berne	1880
Herring, Doane, Ph. G.	Wilson	1884
Higgins, Charles M.	New Berne	1890
Hill, John H.	Goldsboro	1880
Hinsdale, S. J., Ph. G.	Fayetteville	1880

Hood, T. R.	Smithfield	1880
Hood, B. B.	Smithfield	1886
Hood, John E.	Smithfield	1889
Hooker, O.	Hillsboro	1881
Horne, H. R.	Fayetteville	1880
Howell, E. V.	Raleigh	1892
Hunter, Buxton W.	Raleigh	1888
Irvin, James S.	Reidsville	1890
Jacobs, Frederick L.	Asheville	1887
Johnson, James McN.	Aberdeen	1893
Johnson, D. D.	Monroe	1886
Johnson, James I.	Raleigh	1880
Johnson, Alice Elizabeth	Aberdeen	1893
Jones, B. C.	Morehead City	1892
Jordan, J. V.	New Berne	1881
Jordan, R. H.	Charlotte	1884
Justus, William Hicks	Hendersonville	1887
King, W. H.	Raleigh	1884
Lawing, J. M., M. D.	Lincolnton	1884
Lee, A. S.	Raleigh	1880
Lodge, William A.	Raleigh	1880
Lorbacher, P. P.	Morganton	1880
Lowe, George A.	Newton	1881
Lucas, Henry D., M. D.	Black Creek	1886
Lucas, J. W.	Wilson	1880
Mace, U. S.	New Berne	1880
Macnair, Whit H., Ph. G.	Tarboro	1887
Massay, B. F.	Matthews	1885
Munds, James C. (life)	Wilmington	1880
McAden, J. H.	Charlotte	1884
McCauley, M. E.	Monroe	1881
McDonald, H. M.	LaGrange	1880
McIlhenny, John K.	Henderson	1880
McIntosh, J. B. S.	Waynesville	1890
McIntosh, D. M.	Waynesville	1891

McKoy, J. Loyd, M. D. (life)	Gastonia	1885
MacRae, John Y.	Raleigh	1880
Miller, C. B., Ph. G.	Goldsboro	1890
Mitchell, P. A.	Graham	1889
Moose, A. Walter	Mt. Pleasant	1893
Morris, J. De.	Roxboro	1893
Nadal, E. M.	Wilson	1890
Nicholson, Thomas H.	Murfreesboro	1888
Niestlie, William	Wilmington	1887
Nutt, J. D.	Wilmington	1880
Pescud, John S.	Raleigh	1880
Porter, W. C.	Greensboro	1880
Prior, Jackson L.	Raleigh	1880
Raysor, Cornelius A.	Asheville	1886
Reedy, John	Lincolnton	1881
Richardson, L.	Greensboro	1880
Robinson, M. E., M. D.	Goldsboro	1888
Rogers, B. C.	Raleigh	1892
Royster, O. M.	Hickory	1881
Rowland, A. W.	Wilson	1880
Saddleson, G. H.	Manly	1886
Shaffner, H. F.	Salem	1890
Shannon, Henry C.	Goldsboro	1880
Sedberry, C. D., Ph. G.	Fayetteville	1888
Sedberry, B. E.	Fayetteville	1880
Sedberry, H. S.	Fayetteville	1892
Shepard, Joseph C.	Wilmington	1893
Simpson, William	Raleigh	1880
Simpson, Robert	Raleigh	1892
Smith, W. G.	Asheville	1892
Smith, Frank T.	Franklin	1888
Smith, J. B.	Lexington	1882
Smith, John R.	Mount Olive	1888
Smith, S. O.	Charlotte	1880
Smith, T. C., M. D.	Asheville	1880

Southerland, T. R., Ph. G.	Wilmington	1890
Sprague, John F.	Morganton	1888
Stedman, John P.	Oxford	1880
Stevens, John H.	Monroe	1880
Stimson, Logan	Statesville	1880
Thomas, W. G.	Louisburg	1880
Thompson, V. O.	Winston	1880
Tull, John, Ph. G.	Morganton	1880
Tunstall, N. R.	Statesville	1880
Vaughan, P. W., Ph. G.	Durham	1880
Wagner, John M.	Wilson	1888
Waldo, S. P.	Cary	1880
Ward, Gaston M.	Greensboro	1893
Watson, H. P.	Lexington	1880
Wearn, W. H.	Charlotte	1884
Welsh, S. J.	Monroe	1882
White, Arthur	Mebaneville	1885
Whitehead, E. T.	Scotland Neck	1888
Whitehurst, R. F.	Durham	1888
Whitfield, William Cobb, M.D.	Sladesville	1888
Wilson, W. M.	Charlotte	1884
Williams, J. M.	Raleigh	1880
Williams, John R.	Raleigh	1880
Williams, Robert I.	Raleigh	1880
Woodall, Junius P.	Selma	1887
Woodcock, John Henry	Asheville	1887
Wray, W. A.	Shelby	1881
Wriston, L. R.	Charlotte	1880
Yearby, William M.	Durham	1889
Young, John	Salisbury	1885
Zoeller, Edward V., Ph. G.	Tarboro	1880

Members of Association who change their address will confer a favor by notifying the Secretary.

HONORARY.

Col. John B. Purcell	Richmond, Va.	1890
Prof. F. P. Venable	Chapel Hill	1890
Prof. Charles Caspari, Jr.	Baltimore	1892

DECEASED.

Adams, R. H., M. D.	Gastonia	1884—1888
Bedford, Prof. P. W. (Honorary Member).	New York	1881—1892
Bickett, T. W.	Monroe	1880—1882
Broadfoot, T. W.	Fayetteville	1880—1890
DeVault, T. M.	Asheville	1882—1888
Duffy, F. S.	New Berne	1880—1885
Davidson, J. S. M.	Charlotte	1880—1889
Furman, W. H., Jr.	Louisburg	1880—1890
Garrett, H. B.	Rockingham	1883—1884
Gidney, J. C., M. D.	Shelby	1881—1890
Gordon, E. S.	Wilkesboro	1882—1882
Grimes, A. L.	Thomasville	1880—1890
Grymes, B.	Asheville	1882—1882
Hand, W. E.	Charlotte	1880—1884
Hill, T. B.	Goldsboro	1880—1891
Hood, J. C.	Smithfield	1880—1887
Johnson, R. E.	Fremont	1881—1884
Latham, W. W.	Seaboard	1881—1885
Lewter, J. T., M. D.	Murfreesboro	1881—1887
Miller, F. C.	Wilmington	1880—1893
Lyons, H. H.	Asheville	1883—1888
Poole, T. W.	Williamston	1887—1890
Simmons, B. T.	Weldon	1880—1888
Stewart, L.	Laurinburg	1881—1881
Tenny, A. K.	Durham	1880—1888

If any errors are noted in the above, the Secretary should be advised thereof.

REPORT

OF THE

North Carolina Board of Pharmacy;

PHARMACY ACT,

AND

LIST OF REGISTERED PHARMACISTS.

NORTH CAROLINA BOARD OF PHARMACY,

AS CONSTITUTED ON AUGUST 31, 1893.

APPOINTED AND COMMISSIONED BY HIS EXCELLENCY, THE GOVERNOR OF NORTH CAROLINA.

H. R. Horne, of Fayetteville ..... Term expires April 28, 1894.
A. W. Rowland, of Wilson ..... Term expires April 28, 1895.
Wm. Simpson, of Raleigh ..... Term expires April 28, 1896.
E. V. Zoeller, of Tarboro ..... Term expires April 28, 1897.
W. H. Wearn, of Charlotte ..... Term expires April 28, 1898.

OFFICERS:

PRESIDENT.

H. R. Horne ..... Fayetteville.

SECRETARY AND TREASURER.

William Simpson ..... Raleigh.

REPORT OF THE SECRETARY AND TREASURER OF THE NORTH CAROLINA BOARD OF PHARMACY.

RALEIGH, July 1, 1893.

To His Excellency, Elias Carr, Governor:

SIR:—In conformity with the law governing the practice of pharmacy in this State I have the honor to submit to your Excellency, and to the North Carolina Pharmaceutical Association, a report of the proceedings of the Board of Pharmacy for the year ending June 30, 1893.

The thirtieth meeting of the Board was held in the city of Raleigh, August 10 and 11, 1892. Present: Messrs. Horne, Simpson and Zoeller. Mr. Zoeller was appointed by his Excellency, Governor Holt, to succeed Mr. Smith, whose term expired in April. At this meeting nine candidates applied for license, four of whom were successful, viz.:

A. J. SYKES,	Fayetteville.
J. McN. JOHNSON,	Aberdeen.
THOMAS H. ATKINSON, JR.,	Selma.
GEORGE C. CONGDON,	Petersburg, Va.

The thirty-first meeting of the Board was held in Raleigh on Tuesday and Wednesday, October 18 and 19, 1892. Present: Messrs. Rowland, Zoeller and Simpson. At this meeting only seven applicants for license appeared for examination, four of whom were deemed properly qualified and granted license. They are as follows, viz.:

A. W. MOOSE,	Mt. Pleasant.
W. A. MAY,	Rocky Mount.
WILLIAM L. FIELDS,	Laurinburg.
FRANK S. SMITH,	Asheville.

The thirty-second meeting of the Board was also held in the city of Raleigh, on Wednesday and Thursday, May 3 and 4, 1893. Present: Messrs. Horne, Simpson and Zoeller. At this meeting sixteen candidates appeared for examination, eight of whom were successful, and were duly licensed to practice pharmacy, viz.:

G. W. Gaskill, ...	New Berne.
A. B. Persse, ...	Wilmington.
David R. Davis, ...	Durham.
Miss Alice E. Johnson, . .	Aberdeen.
W. A. McClenahan, . . .	Raleigh.
J. E. Morgan, ...	Raleigh.
George P. Hart, ...	Raleigh.
R. E. Lee, ...	Clinton.

It will possibly not be amiss here to say, in behalf of the Board, that they have gradually been advancing and elevating the standard of the examinations conducted by them, and, in consequence, the class of young men who come before them are better prepared than formerly, and those who are successful in passing an approved examination are certainly more competent to perform the duties required of them than they otherwise would have been. The Board recognize the importance of practical experience, hence they require the full term of three years to have been served in a drug store, as required by the Pharmacy Act, before granting a certificate. It is the desire of the Board of Pharmacy to make the examinations partake more of a practical nature than they have been able to in the past. There are two great barriers to the full development of this idea; the first is that the migratory character of the meetings of the Board prevents its execution, in that they have no place in which the candidate can exhibit a specimen of his skill in making of pills, plasters, emulsions,

suppositories, etc. It would not be practicable, nor would it be desirable, to trespass upon the kindness of a resident pharmacist for the use of his place of business and the implements necessary to the proper exemplification of the practical knowledge of the candidate.

There is only one way out of this difficulty, and that is for the Board to have a permanent place of their own and the necessary appliances for the use of candidates in the practical examinations contemplated. At present the Board does not feel that the meager revenues derived would justify them in the expenditure necessary to carry out their wishes, but hope that in the near future they may be able to do so.

This same question has been employing the minds of other State Boards, all recognizing the great value of practical examinations, and nearly all confronted with the conditions that embarrass us.

There are many good practical pharmacists whose surroundings have been such as to prevent them from devoting the necessary time and study to the theoretical part of pharmacy that its importance requires, thereby putting themselves at a disadvantage with their more fortunate fellows in the examinations As before stated, the examinations as now conducted are necessarily more of a theoretical than practical nature. If the desires of the Board could be carried out it would even up things materially.

Following is a statement of receipts and disbursements for the fiscal year, also the names and address of the registered pharmacists of the State:

WILLIAM SIMPSON, *Treasurer,*
In account with the North Carolina Board of Pharmacy.

1892.		Dr.		
July	1.	To cash on hand as per last report	$289 23	
	" "	Examination fees (24 candidates)	120 00	
	" "	Renewal of registration	311 00	
				$720 23

1892.				Cr.		
Aug.	15.	By cash paid		Royall & Borden	$ 1 25	
	23.	"	"	" H. R. Horne	25 31	
	23.	"	"	" William Simpson	10 00	
	30.	"	"	" E. M. Uzzell	14 00	
Sept.	2.	"	"	" E. V. Zoeller	33 13	
Oct.	22.	"	"	" A. W. Rowland	23 70	
	22.	"	"	" William Simpson	10 00	
Nov.	7.	"	"	" E. V. Zoeller	24 75	
	10.	"	"	" E. M. Uzzell	10 00	
Dec.	20.	"	"	" E. H. Baker	2 50	
1893.						
Jan.	16.	"	"	" E. M. Uzzell	3 00	
May	9.	"	"	" William Simpson	15 00	
	11.	"	"	" H. R. Horne	26 40	
	13.	"	"	" E. V. Zoeller	24 55	
June	5.	"	"	" E. M. Uzzell	8 25	
July	1.	"	"	" E. M. Uzzell	4 25	
	1.	"	"	" For postage	20 00	
	1.	"	"	" Wm. Simpson, Secretary, salary,	125 00	
	1.	"	Cash on hand		339 14	
						$720 23

Respectfully submitted,

WM. SIMPSON,

Secretary and Treasurer.

DROPPED FOR FAILURE TO RENEW REGISTRATION.

D. H. Farmer	Brevard.
Charles Robinson	Elizabethtown.
H. M. Alford, M. D.	Greensboro.
E. R. Michaux, M. D.	Greensboro.
R. S. Mebane	Greensboro.
N. M. McLean, M. D.	Gibson.
J. T. Sledge, M. D.	Greenville.
W. T. O'Farrell, M. D.	Highlands.
Joshua R. Nichols	Halifax.
R. F. Whitehurst	Durham.
O. L. Ellis	Louisburg.
L. B. Chapin	Moncure.
V. R. Butt, M. D.	Marion.
R. J. Baucom	Morven.
Charles Daligny, M. D.	Old Fort.
R. F. Butler	Plymouth.

F. M. Matthews, M. D. ..... Reidsville.
W. J. Courts, M. D. ..... Reidsville.
W. A. Robbins ..... Rockingham.
S. B. Dew, M. D. ..... Rocky Mount.
W. A. Wray ..... Shelby.
G. H. Bowman ..... Spear.
S. T. Nicholson, M. D. ..... Washington.
H. L. McFadyen ..... Waynesville.
A. M. Bennett, M. D. ..... Whittier.
W. L. Sherrill ..... Mooresville.
C. A. Clement ..... Mocksville.
W. P. Whittington, M. D. ..... Burnsville.
A. C. Boyles, M. D. ..... Eldorado.
R. J. Gooding ..... New Berne.
T. B. Meacham, M. D. ..... Pineville.
Numa F. Hancock ..... Reidsville.
N. C. Brandon ..... Randleman.
John H. Ennis ..... Salisbury.
M. B. Howell ..... Salisbury.
J. M. Whittington ..... East Bend.
William D. Whitted, M. D. ..... Hendersonville.
J. H. McMullen, M. D. ..... Hertford.
C. S. Kingsmore ..... Morganton.
John T. Eldridge, M. D. ..... Murfreesboro.
T. C. Debnam, M. D. ..... Henderson.
O. Hooker ..... Hillsboro.
W. N. Williams ..... Fayetteville.
H. C. Williams, M. D. ..... Lenay.
Arthur White ..... Mebaneville.
John B. Hargrave ..... Newton.
George S. Loyd, M. D. ..... Tarboro.
James A. Sheets ..... Wilmington.
Robert E. King ..... Warrenton.
W. J. McLendon ..... Wadesboro.
M. E. Zollicoffer ..... Weldon.

REMOVED FROM THE STATE.

Aaron Greenwald ..... Wilmington.
Eugene Grissom, M. D. ..... Raleigh.
J. F. Riddle ..... Raleigh.
Charles R. Hodgin, M. D. ..... Winston.
T. D. Crawford ..... Oxford.
D. L. Peeples, M. D. ..... Hickory.

R. G. Reese ..... Charlotte.
Braxton Shields ..... Carthage.
George S. Barnes ..... Milton.
P. H. Dalton ..... Durham.
W. G. White ..... Elizabethtown.
Warren J. Smith ..... Fayetteville.
J. E. Shepherd, M. D. ..... Gastonia.
Francis B Hays ..... Oxford
B. W. Wells ..... Salisbury.
Thomas R. Southerland ..... Wilmington.
Carl E. Smith ..... Wilmington.
R. D. Apple ..... Milton.
D. R. Millard ..... Greensboro.
A. E. West ..... Raleigh.
J. M Williams ..... Raleigh.
T. F. Nixon, M. D. ..... Raleigh.
S. H. Rogers, M. D. ..... Raleigh.
O. F. Blankingship ..... Wilson.
C. W. Sawyer ..... Coinjock.
H. M. Fearing ..... Elizabeth City.

DIED.

J. D. Munds ..... Wilmington.
Elijah Willis ..... Wilmington.
J. R. Brown, M. D. ..... High Point.
John A. McGwigan, M. D. ..... Enfield.
F. C. Miller ..... Wilmington.

DISCONTINUED BUSINESS.

S. J. Hinsdale ..... Fayetteville.
L. T. Whitaker ..... Fremont.
R. A. Smith, M. D. ..... Goldsboro.
R. J. H. Hatchett, M. D. ..... Henderson.
W. W. Young, M. D. ..... Henderson.
J. H. Gilkey, M. D. ..... Marion.
George A. Lowe ..... Newton.
P. A. Hay, M. D. ..... Reidsville.
L. L. Sasser, M. D. ..... Smithfield.
W. B. Crawford, M. D. ..... Selma.
J. W. Purefoy ..... Wake Forest.
John W. Chapin ..... Aurora.
Ed. G. Clifton ..... Durham.

John H. Harris, M. D.	Franklinton.
E. H. Meadows	New Berne.
A. W. Goodwin, M. D.	Raleigh.
L. Hussey, M. D.	Warsaw.
Louis T. Smith	Durham.
J. A. Wise	Fair View.
D. L. Peeples, M. D.	Hickory.
S. S. Peterson, M. D.	Morganton.
Paul Lorbacher	Morganton.
J. M. Hays, M. D.	Oxford.
J. B. Williams, M. D.	Oxford.
J. C. Hill	Palmyra.
H. T. Chapin, M. D.	Pittsboro.
L. G. Broughton, M. D.	Reidsville.
N. M. Culbreth, M. D.	Whiteville.
W. G. Bradshaw, M. D.	High Point.
E. S. Warlick, M. D.	Connelly's Sp'gs
J. A. Reedy, M. D.	Lincolnton.
N. M. Johnson, M. D.	Durham.
George A. Renn, M. D.	Auburn.
J. B. Clifton, M. D.	Louisburg.
A. B. Johns, M. D.	Leaksville.
J. H. Thacker, M. D.	Leaksville.
J. C. Walton, M. D.	Milton.
H. H. Dodson, M. D.	Milton.
J. R. Fleming, M. D.	Dunn.

LIST OF REGISTERED PHARMACISTS IN NORTH CAROLINA.

Asheville—W. C. Carmichael, C. W. DeVault, W. E. Pelham, C. A. Raysor, T. C. Smith, M. D., Samuel D. Pelham, J. H. Woodcock, J. Taylor Amiss, Fred. L. Jacobs, Henry G. Chandler, Whitefoard G. Smith, Henry E. Heinitsh, B. S. Worthen, Penrose Baldwin, S. T. Green, Henry J. Wyer, Jr., Frank S. Smith, J. L. Houston, M. W. Alston, M. D.

Altamahaw—C. E. Jordan.

Apex—W. H. Harward, A. B. Hunter.

Aurora—A. B. Chapin, M. D., A. J. McIntyre, M. D., George B. Colbert.

Aberdeen—J. McN. Johnson, Alice Elizabeth Johnson.

Beaufort—Josiah B. Davis, Allen Davis, Thomas W. Lindsay, Thomas B. Delamar, M. D.

Bryson City—R. L. Davis, M. D.

Black Creek—H. D. Lucas, M. D.

Berea—J. N. Fuller.

Benson—Henry D. Hood, James W. Benson, G. E. Parker, M. D.

Biltmore—A. S. Whitaker, M. D., Leo. Rosenblum.

Burlington—J. W. Lasley, M. D., R. A. Freeman, M. D., A. B. Cates, W. G. Stafford, M. D.

Brinkleyville—John H. Vinson, John E. Hunter.

Bakersville—S. S. Wilson, M. D., W. P. Upton, M. D.

Brevard—E. W. Blythe, M. D.

Charlotte—Ransom S. Gray, J. H. McAden, M. D., William H. Wearn, George W. Campbell, John T. Williams, M. D., J. M. Henderson, M. D., A. S. Lee, Robert W. Gray, R. A. Dunn, W. R. Burwell, W. M. Wilson, Thomas Reese, A. B. Reese, L. R. Wriston.

Cary—E. O. Waldo.

Conover—D. McD. Yount, M. D.

Corbett—W. E. Murphy, M. D.

Concord—Joel Reed, J. P. Gibson, Dudley D. Johnson, N. D. Fetzer, F. L. Smith.

Clinton—T. J. Lee, R. W. Holliday, R. E. Lee, A. M. Lee, M. D., R. H. Holliday, M. D.

Chapel Hill—A. B. Roberson, M. D., E. S. Merritt, B. F. Eubank, T. W. Wilson, M. D., R. H. Whitehead, M. D.

Clayton—J. B. Robertson, M. D., E. H. McCullers, M. D., N. M. Blalock, M. D.

Carthage—Gilbert McLeod.

Davidson College—John J. Dupuy.

Dunn—M. W. Harper, M. D., J. E. Harper, O. L. Denning, M. D., D. H. Hood.

Dillsboro—George Hipkiss, M. D.

Durham—R. D. Blacknall, M. D., P. W. Vaughan, F. H. Heartt, W. M. Yearby, A. H. Michaels, C. E. King, E. D. Fisher, D. R. Davis, N. P. Boddie, M. D.

Elizabeth City—Alex. Wadsworth, O. G. B. McMullen, M. D., John Q. Etheridge, W. W. Griggs, M. D., L. P. Etheridge, John E. Wood, M. D.

Edenton—H. DeB. Hooper, Walter J. Leary.

Elon College—W. T. Herndon, M. D., George W. Kernodle, M. D.

Enfield—Jonas Cohen.

Elizabethtown—W. G. White.

Elk Park—G. C. Lane, M. D.

Elkin—J. W. Ring, M. D.

Fayetteville—H. R. Horne, W. C. McDuffie, Jr., Clarence D. Sedberry, A. S. Rose, A. J. Sykes, B. E. Sedberry, A. J. Cook, R. B. King, H. Stiles Sedberry.

Falls—W. O. Allen.

Franklin—Frank T. Smith.

Franklinton—H. S. Furman, Robert W. Winston.

Fremont—R. E. Cox, M. D.

Forest City—G. E. Young.

Four Oaks—S. R. Young, M. D.

Greensboro—W. C. Porter, John A. Waddell, L. Richardson, Benjamin A. Daniels, S. S. Haithcock, Z. V. Conyers, John B. Farriss, Thomas H. Mayo, G. W. Ward, J. R. Callum, George Fitzsimmons.

Gatesville—A. R. Roberts.

Goldsboro—John H. Hill, J. F. Miller, M. D., J. D. Spicer, M. D., Charles B. Miller, William Cobb Whitfield, M. D., Henry C. Shannon, John H. Hill, Jr., M. E. Robinson, M. D., John W. Powell.

Graham—P. A. Mitchell.

Garner—G. B. Montague.

Greenville—M. G. Ernul.

Germanton—Robert T. Beck.

Gastonia—J. E. Shepherd, M. D., J. E. Curry.

Henderson—Melville Dorsey, Arch. Cheatham, M. D., Augustus Bradley, William T. Cheatham, M. D., W. W. Parker.

Hendersonville—James McMinn, W. H. Justus, Joseph G. Waldrop, M. D., C. Few, M. D., J. L. Egerton, M. D.

Hillsboro—William A. Hayes.

Hickory—O. M. Royster, William A. Leslie.

High Point—George A. Matton.

Halifax—John N. Brown.

Hurdle's Mills—J. I. Coleman, M. D.

Hamilton—F. H. Robertson.

Holly Springs—B. S. Utley, M. D.

Haw River—T. W. Patterson, M. D.

Jonesboro—J. Alton McIver, E. P. Snipes, M. D.

Jamesville—George L. Kemp.

Jackson—Henry W. Lewis, M. D.

Jacksonville—E. L. Cox, M. D.

King's Mountain—R. S. Sugg, J. Loyd McKoy, M. D.

Kernersville—B. J. Sapp, M. D.

Kinston—Henry Dunn, R. H. Temple, M. D.

Kenly—W. J. Strickland, M. D.

Lexington—J. B. Smith, M. D., L. B. Wheeler, H. P. Watson.

Lincolnton—John Reedy, J. M. Lawing, M. D.

LaGrange—H. M. McDonald.

Lenoir—W. W. Scott, M. D.

Lumberton—J. D. McMillan, M. D., L. A. Rutherford, M. D., Thomas A. Norment, Jr., M. D.

Laurinburg—A. W. Hamer, M. D., George D. Everington, B. G. Graham, W. L. Fields, James T. Fields.

Littleton—Willis Alston, M. D.

Louisburg—W. H. Nicholson, M. D.

Linville—Cornelius Teal, M. D.

Leasburg—W. R. Hambrick.

Maxton—J. D. Croom, D. MacBryde, M. D.

Milton—Robert L. Dixon, Lewis Walker.

Morganton—John Tull.

Monroe—John H. Stevens, Eugene McLarty, S. J. Welsh, M. D., S. O. Blair, M. E. McCauley.

Murfreesboro—T. H. Nicholson, W. G. Freeman, M. D.

Meraneville—S. A. White, Robert L. Walker.

Matthews—W. T. Carpenter, L. W. Hunter, M. D., T. G. Evans, M. D., T. N. Reid, M. D.

Madison—Jesse Carter, Charles B. McAnally, M. D.

Mooresville—George C. Goodman, Thomas N. Hall.

Morehead City—Thomas D. Webb, B. C. Jones, Philip Lepper.

Mocksville—C. C. Sanford.

Maiden—P. J. Klutz.

Marion—M. F. Morphew, M. D.

Mooresboro—W. W. Gilbert, M. D., S. S. Royster, M. D.

Murphy—M. C. King.

Mt. Olive—John R. Smith.

Mt. Airy—W. S. Taylor, M. D.

Mt. Pleasant—A. W. Moose.

Newton—T. R. Abernethy.

Newton Grove—J. H. Benton, M. D.

New Hill—James P. Battle, M. D.

New Berne—Richard N. Duffy, Richard Berry, U. S. Mace, Leinster Duffy, D. A. Harget, Robert B. Nixon, G. W. Gaskill, J. V. Jordan, Thomas A. Henry, Francis S. Duffy, E. W. Smallwood, Charles C. Green, R. D. V. Jones, C. M. Higgins, Harry B. Brock.

Oxford—J. G. Hall, John P. Stedman, F. W. Hancock.

Ore Hill—O. B. Strowd, C. C. Cheek.

Old Fort—W. H. Disosway.

Pineville—J. J. Roane, M. D., J. A. Ardrey.

Plymouth—J. W. Bryan, W. H. Ward, M. D., Henry R. Chears, H. P. Murray, M. D., B. C. Chears, M. D.

Pantego—Walter Clark.

Polkton—F. O. Hawley.

Pigeon River—M. C. Millender, M. D.

Polloksville—A. G. Barrus.

Prospect Hill—J. R. Hester, M. D.

Raleigh—John R. Williams, John S. Pescud, John Y. MacRae, William A. Lodge, D. L. Adams, Robert Simpson, Henry T. Hicks, William

H. King, Robert G. Grissom, Berry C. Rogers, J. W. McGee, Jr., M. D., J. L. Prior, G. C. Congden, George P. Hart, Robert I. Williams, James I. Johnson, William Simpson, F. T. Fuller, M. D., John R. Congleton, James H. Bobbitt, B. W. Hunter, O. G. King, W. V. Williams, Ed. M. Alston, L. A. Scruggs, M. D., John J. Thomas, W. A. McClenahan, W. G. Thomas.

Reidsville—Charles Fetzer, Frank D. Irvin, James S. Irvin, D. W. Courts, M. D., Eugene P. Purcell.

Rockingham—W. M. Fowlkes, Sylvester Biggs, J. Willis Gale.

Rolesville—L. B. Young, M. D.

Roseboro—F. J. Cooper, M. D.

Roxboro—J. D. Morris, A. F. Barrett.

Rocky Mount—J. M. Griffin, P. B. Kyser, B. K. Kyser, William A. May, Mrs. P. B. Kyser, E. V. Howell.

Rowland—B. F. McMillan, M. D.

Salisbury—Theo. F. Kluttz, Edwin Cuthrell, John Young, J. C. Simmons, C. R. Barker, James Plummer, W. R. Barker.

Smithfield—T. R. Hood, John E. Hood, Junius P. Woodall, B. R. Hood.

Shelby—V. McBrayer, M. D., Henry E. Kendall, Junius T. Gardner.

Sanford—A. J. Thompson, M. D.

Salem—Henry F. Shaffner.

Stovall—F. R. Gregory, M. D.

Statesville—N. R. Tunstall, William F. Hall, Jr., Logan Stimson.

Scotland Neck—R. M. Johnson, E. T. Whitehead.

Selma—H. K. Egerton, M. D., Thomas H. Atkinson, Jr., H. G. Nicholson.

Southport—D. I. Watson, M. D., John B. Cranmer.

South Creek—E. D. Springer.

Stem—William O. Mitchell.

Siler City—A. J. H. Lutterloh, M. D.

Southern Pines—G. H. Saddleson, M. D.

Stoneville—Thomas A. Boaz, M. D.

Tarboro—E. V. Zoeller, W. H. Macnair, Junius D. Lockhart, L. L. Staton, M. D., W. W. Hargrave, George E. Burwell.

Thomasville—Joseph Bird, M. D., Charles A. Julien, M. D.

Troy—P. W. Worley, M. D.

Wilmington—William H. Green, John H. Hardin, W. R. Kingsbury, F. C. Miller, Robert R. Bellamy, William Niestlie, H. L. Fentress, Joseph C. Shepard, Jr., George L. Harmon, Thomas R. Mask, M. D., Silas P. Wright, M. D., M. G. Wilbur, L. B. Sasser, James C. Munds, J. Thens Munds, William C. Munds, James Sheehan, Ashton L. Scott, James D. Nutt, James H. Bunting, Frank L. Meares, James A. Smith, W. F. Stokes, M. D., Carl E. Smith, Malcom McKay, Anthony B. Persse, R. E. L. Cook.

WILSON—E. M. Nadal, B. W. Hargrave, Doane Herring, James W. Lucas, A. W. Rowland, W. S. Anderson, M. D.

WINSTON—V. O. Thompson, W. C. Brown, B. B. Owens, E W. O'Hanlan, L. E. Steere, Samuel H. Smith, T. W. Grimes, H. C. Ashcraft, Fletcher A Bobbitt, Thomas H. Wells.

WAXHAW—W. A. Munroe, M. D.

WARSAW—W. P. Kennedy, M. D.

WAKE FOREST—W. C. Lankford, M. D.

WAYNESVILLE—Donald McIntosh, Mark T. Rinehart.

WARRENTON—C. A. Thomas, M. D., W. K. Barham, F. P. Hunter.

WILTON—C. W. Conway.

WILLIAMSTON—S. R. Biggs.

WASHINGTON—Fred. Gallagher, Charles K. Gallagher, James M. Gallagher, M. D., C. B. McKeel.

WELDON—Thomas A. Clark, A. B. Zollicoffer, M. D., H. S. S. Cooper, William M. Cohen.

WADESBORO—J. A. Hardison.

WILKESBORO—W. A. Berry.

WHITEVILLE—Isaac Jackson, M. D.

YOUNGSVILLE—J. T. Harper, J. W. Duke.

PHARMACY ACT,

(As Amended Jan. 27, 1891).

The General Assembly of North Carolina do enact:

SECTION 1. That E. M. Nadal, S. J. Hinsdale, William Simpson, E. H. Meadows, T. C. Smith, John S. Pescud, and such other persons as may be associated with them under the provisions of this act, be and the same are hereby made a body corporate under the name and style of the North Carolina Pharmaceutical Association, and by said name shall have the right to sue and be sued, to plead and be impleaded, to purchase and hold real estate and grant the same, to have and to use a common seal, and to do such other things and perform such other acts as appertain to bodies corporate and politic, not inconsistent with the Constitution and Laws of the State.

SEC. 2. The object of said Association is to unite the pharmacists and druggists of the State for mutual aid, encouragement and improvement, to encourage scientific research, develop pharmaceutical talent, to elevate the standard of professional thought, and ultimately restrict the practice of pharmacy to properly qualified druggists and apothecaries.

SEC. 3. It shall be unlawful from and after the passage of this act, except as hereinafter provided, for any person, unless a registered pharmacist, within the meaning of this act, to open or conduct any pharmacy or store for retailing, dispensing or compounding medicines or poisons, or for any one not a registered pharmaceutist to prepare a physician's prescription except under the supervision of a registered pharmaceutist, in the State of North Carolina: *Provided*, That nothing herein contained shall prevent the sale of patent or proprietary medicines, quinine, epsom salts, castor oil, essence of peppermint, paregoric, or laudanum in original packages, calomel, camphor or sweet oil.

SEC. 4. Any person, in order to be registered, shall be a graduate of some college in pharmacy, recognized by the North Carolina Board of Pharmacy; or shall, at the passage of this act, have had three years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons, or shall be a licentiate of pharmacy of the Board of Pharmacy of North Carolina.

SEC. 5. Pharmaceutists claiming the right of registration under this act, on account of practical experience, shall, within ninety days after its passage, show to the satisfaction of the Board of Pharmacy to be created by this act that they have had three (3) years' practical experience in the preparation of physicians' prescriptions, and in compounding and vending medicines and poisons: *Provided*, Nothing in this sec-

tion shall apply to any person or persons in business on their own account upon the passage of this act. Licentiates in pharmacy must have had three years' experience in stores where prescriptions of medical practitioners have been prepared, and shall have passed an examination before the Board of Pharmacy of this State. The Board of Pharmacy may register, without further examination, the licentiates of such other Boards of Pharmacy as they may deem proper.

SEC. 6. This Association shall elect ten of its members—from whom the Governor selects five—who shall compose the Board of Pharmacy. The Board is empowered to transact all business relating to the legal practice of pharmacy; to examine into and adjudicate upon all cases of abuse, fraud, adulteration, substitution or malpractice, and to enforce all the provisions of the law, and to render an annual account to the proper State authorities and to the Association. Any one examined by the Board shall pay a fee of five dollars. In case of failure to pass a satisfactory examination he shall be granted a second examination without the payment of a further fee. It shall be the duty of the members of the Board, after receipt of notification of their appointment, to appear before the clerk of the county in which they individually reside, and make and subscribe to an oath properly and faithfully to discharge the duties of their office; and within thirty days thereafter meet and organize by the election of a President, Secretary and Treasurer of said Board. The Secretary and Treasurer shall be elected to serve for a term of five years; and the term of office of the other members shall be determined by lot. Vacancies in the Board shall be filled as required in Section 12. The Board shall hold meetings at least once annually or oftener, as the business of the Board may require. The Secretary shall give each member of the Board not less than ten days' notice of each meeting. Three members shall constitute a quorum. It shall be the duty of the Board to examine all persons applying for examination in proper form, and to register such as shall establish their rights to registration in accordance with the provisions of this act. The Secretary and Treasurer of said Board shall be a bonded officer held in bond of one thousand dollars, to be made to the said North Carolina Pharmaceutical Association and approved by the Executive Committee of said Association.

SEC. 7. It shall be the duty of the Secretary of the Board of Pharmacy to keep a book of registration at some convenient place, of which due notice shall be given through the public press, in which shall be entered, under the supervision of the Board, the names and places of business of all persons coming under the provisions of this act, and a statement to be signed by the person making the application of such facts in the case as he may claim to justify his application. The fee for registration of proprietors shall not exceed two dollars, and for those in the employ of others shall not exceed one dollar. The Secretary shall give receipts for all moneys received by him, which moneys shall be used for the purpose of

defraying the expenses of the Board of Pharmacy; and any surplus shall be for the benefit of said Association. The salary of the Secretary shall be fixed by this Board, and shall be paid out of the fees for examination and registration. Each member of the Board of Pharmacy shall be paid the sum of five dollars for every day during which he is engaged in the service of the Board, and all necessary expenses incurred in attending the meetings of the same. It shall be the duty of the Board to investigate all complaints of disregard, non-compliance, or violation of the provisions of this act, and to bring the same to the notice of the proper prosecuting officer, whenever there appears to the Board reasonable grounds of complaint. The Board is hereby empowered to make such rules and regulations as it will find necessary for carrying into effect the provisions of this law, not inconsistent with the purpose and spirit of the same.

SEC. 8. Every person, from and after the passage of this act, shall be held responsible for the quality of all drugs, chemicals and medicines he may sell or dispense, with the exception of those sold in the original packages of the manufacturers, and also those known as "patent medicines"; and should he intentionally adulterate, or cause to be adulterated, or expose to sale, knowing the same to be adulterated, such drugs, chemicals or medical preparations, he shall be deemed guilty of a misdemeanor, and upon conviction thereof be liable to a penalty not exceeding one hundred dollars, and in addition thereto his name shall be stricken from the register. Every registered pharmacist who desires to continue the practice of his profession shall annually thereafter, within thirty days next preceding the annual meeting of the Board of Pharmacy, pay to the Secretary of the said Board a registration fee of one dollar, for which he shall receive a renewal of said certificate of registration. Any registered pharmacist failing to renew his registration as required by this section, and continuing in the exercise of his profession, shall be guilty of a misdemeanor.

SEC. 9. It shall be unlawful for any person, under a penalty of twenty-five dollars for each and every offense, from and after the passage of this act, except as provided herein, to retail any poison enumerated in Schedules A and B, as follows, to-wit:

SCHEDULE A.

Arsenic and its preparations, corrosive sublimate, white precipitate, red precipitate, bin-iodide of mercury, cyanide of potassium, hydrocyanic acid, strychnine, and essential oil of bitter almonds.

SCHEDULE B.

Aconite, belladonna, colchicum, conium, nux vomica, henbane, savin, ergot, cotton root, cantharides, creosote, digitalis and their pharmaceutical preparations, croton oil, chloroform, chloral hydrate, sulphate of zinc,

carbolic acid, oxalic acid, opium and its preparations, except paregoric and other preparations of opium containing less than two grains to the ounce, and other poisons, without distinctly labeling the bottle, box, vessel or paper in which said poison is contained with the name of the article, the word "Poison," and a vignette representing a skull and cross-bones, and the name and place of business of the seller; nor shall it be lawful for any person to sell or deliver any poison enumerated in said Schedules A and B, unless upon due inquiry it is found that the purchaser is aware of its poisonous nature, and represents that it is to be used for a legitimate purpose; nor shall it be lawful for any person to sell any poison included in Schedule A, without, before delivering the same to the purchaser, causing an entry to be made in a book kept for that purpose, stating the date of the sale, the name and address of the purchaser, the name and quality of the poison sold, the purpose for which it is represented by the purchaser to be required, and the name of the dispenser—such book to be always open to proper authorities for inspection. The provisions of this section shall not apply to the dispensing of poisons in usual doses, and by physicians' prescriptions.

SEC. 10. Nothing contained in the foregoing section shall apply to or interfere with the business of any practitioner of medicine who does not keep open shop for retailing of medicines and poisons; nor with the business of wholesale dealers, excepting section 9, and the penalties of its violation.

SEC. 11. Any person who shall permit, by willful neglect, the compounding and dispensing of prescriptions in his store or place of business, by any person or persons not registered, except under the supervision of a registered pharmaceutist, or any person not registered who shall keep open shop for the retailing or dispensing of medicines or poisons, or who shall fraudulently represent himself to be registered, or any registered pharmacist, or any dealer in medicines, who shall fail to comply with the regulations and provisions of this act, in relation to retailing and dispensing of poison, shall, for every such offense, be deemed guilty of a misdemeanor, and upon conviction thereof be liable to a penalty not exceeding twenty-five dollars.

SEC. 12. Immediately on passage of this act the Governor shall appoint five reputable and practicing pharmacists doing business within the State, from ten of said pharmacists recommended to him by the North Carolina Pharmaceutical Association; said pharmacists so appointed shall constitute the Board of Pharmacy of the State of North Carolina, and shall hold office for the term of one, two, three, four and five years respectively, as herein provided, and until their successors have been duly elected and qualified. "The North Carolina Pharmaceutical Association shall annually thereafter elect a pharmacist from their number to fill the vacancy annually occurring in said Board. Said pharmacist so elected shall be commissioned by the Governor and hold office for the term of five years

and until his successor has been duly elected and qualified. In case of death, resignation, or removal from the State of any member of said Board of Pharmacy, the said Board shall elect in his place a pharmacist who is a member of said Association, to serve as a member of the Board for the remainder of the term."

SEC. 13. The penalties prescribed by this act shall be recovered by suits in the name of the people of this State, according to the statutes in such cases provided, to be prosecuted by the proper officers of the counties respectively where the violations of the provisions of this act may be committed.

SEC. 14. Any pharmacist failing to comply with the requirements of sections five and eight within ninety days from and after the passage of this act shall forfeit his right to registration, and shall appear before the Board of Pharmacy for examination, as provided in section five of this act.

SEC. 15. All acts or portions of acts conflicting with the provisions of this act are hereby repealed.

SEC. 16. It shall be the duty of the sheriffs of the counties to see that the provisions of this act are enforced.

SEC. 17. This act may for all purposes be quoted under the title of the "Pharmacy Act of 1881."

SEC. 18. This act shall be in force from and after the first day of June next. Ratified this 12th day of March, A. D. 1881.